GROSSMONT COLLEGE

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College Catalog 2025-2026

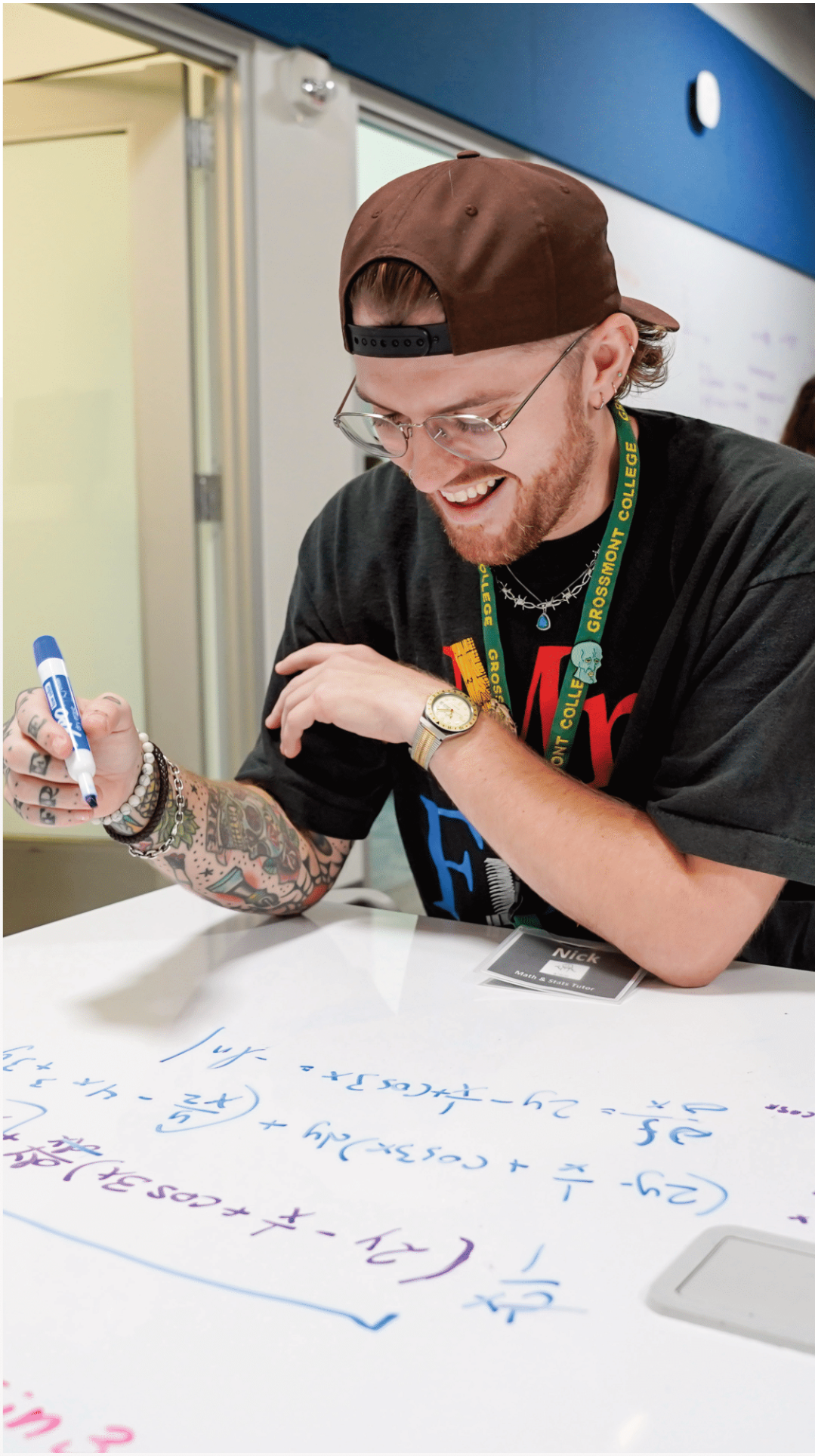


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GROSSMONT COLLEGE CATALOG

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Chancellor:
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Grossmont College Interim President:
Pamela T. Luster, Ed.D.

Cuyamaca College President:
Dr. Jessica Robinson, MSW

Accreditation and Affiliations

Grossmont College is accredited by the Western Association of Schools and Colleges and is a member of the California Community College Association. Accreditation reports are available and may be reviewed in the Office of the President. Appropriate courses are fully accepted on transfer by the University of California, the California State University, and by private four-year colleges and universities.

The college has been approved for the training of veterans under various United States public laws and California veteran enactments. The Bureau of Immigration and Naturalization has approved Grossmont College to serve international students under education visas.

The Grossmont College Seal

The seal of Grossmont College has been designed around the Griffin Symbol, which is the half-eagle, half-lion of Greek mythology, combining their qualities of courage, strength, and swiftness. The Griffin was charged with guarding the treasures of the Ancient World. The three Greek words are **Tharros, Dynamis,** and **Philosophia**, which means courage, strength, and love of wisdom.

The Grossmont-Cuyamaca Community College District has made every reasonable effort to determine that everything stated in this catalog is accurate. Courses and programs offered, together with other matters contained herein, are subject to change without notice by the administration of the Grossmont-Cuyamaca Community College District or Grossmont College for reasons related to student enrollment, level of financial support, or for any reason, at the discretion of the district and the college. The district and the college further reserve the right to add, amend, or repeal any of their rules, regulations, policies, and procedures.

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President's Message



Dear Grossmont College Student,

Welcome to the 2025–2026 Grossmont College catalog. Here, you will discover the course and program offerings that make Grossmont College the leader of higher education and career training in San Diego's East County.

In these pages, you'll find a comprehensive selection of courses and programs that will help you meet your academic and career goals and prepare you to enter the workforce or transfer to top universities.

Whatever your passions are, we have a program here that will meet your curiosity, engage your creativity, and advance your knowledge. We offer classes in-person, online, HyFlex, and hybrid. You'll understand why more than 1.6 million students have chosen Grossmont College to pursue their higher education or prepare for a career. You'll see why Grossmont College is the first choice for students ranging from high school students taking dual enrollment classes to life-long learners using education to further enrich their lives.

At Grossmont College, we believe everyone should have a pathway to pay for college, which is why we offer the Grossmont-Cuyamaca College Promise, which gives you your first two years free. We also help you complete the FAFSA/CA Dream Act and give you access to grants and scholarships. We have programs like First Year Experience, Umoja, and Puente to help you find community. We have Gizmo's Kitchen to help meet your basic needs. We have comprehensive mental health services. Plus, we have engaging student life and award-winning athletic programs.

In the years before its founding in 1961, Grossmont College was just a dream. It had no name, no resources, no buildings. But what our community had was a vision, a vision of transforming lives through education. That transformation is real, and our students are the living embodiment of that mission. The lifetime earnings of a Grossmont College graduate with an associate degree are $1.6 million, and at just $46 per unit, Grossmont College provides you with the same high-quality education as many universities and private trade schools but for thousands of dollars less.

We are, indeed, unique, and we offer an abundance of options that can lead not only to a degree but also to essential workplace skills indispensable in building a better life.

Grossmont College is a leader in higher education and career training because of our incredible professors, our dedicated classified professionals, and most importantly, you: our students. Through education, our students create better lives for themselves and their families. Our students transform their communities with their skills, expertise, and service. The education you receive at Grossmont College will empower you to create a better world. Your journey starts here, and I know you will make Grossmont College and me proud.

With warmest regards,

Pamela T. Luster, Ed. D.
Interim President, Grossmont College



Academic Calendar

Fall 2025

Date	Event
April 11	Application Deadline (for registration appointment time)
April 28 - August 17	Registration
Refer to Class Schedule	Payment Deadline for Registration Fees
August 11 - 15	Professional Development - Organizational Meetings
August 18	**Semester Length/First 8-Week Classes Begin**
August 18 - 31	Program Adjustment (Add/Drop Period Full Semester Classes)
August 31	Last Day to Drop Full Semester Classes without a "W"
August 31	Last Day to Apply for Refund for Full Semester Classes
September 1	Holiday (Labor Day)[1]
September 2	Census Day (Full Semester Classes)
September 16	National Voter Registration Day[2]
October 10	Last Day to Apply for Fall 2025 Degree/Certificate
October 11	Last Day to Apply for P/NP (First 8-Week Session)
October 11	First 8-Week Session Ends
October 13	Second 8-Week Session Begins
October 16	First 8-Week Session Instructor Grade Deadline
November 8	Last Day to Drop Semester Length Classes (with "W")
November 11	Holiday (Veterans Day)[1]
November 24-26	No Classes, Thanksgiving Recess
November 27 & 28	Holiday (Thanksgiving)[1]*
December 13	Last Day to Apply for P/NP- Second 8-Week Session
December 13	Last Day to Apply P/NP- Semester Length Classes
December 13	End of Second 8-Week Session & Semester Length Classes
December 14 - February 1	Winter Recess (for students)
December 18	Instructor Grade Deadline
December 24 - January 1	College and District Offices Closed[1]

[1] College and District Offices Closed.
[2] See additional voter information at General Information (p. 14).
* No classes on Saturday after the Friday holiday

Spring 2026

Date	Event
October 24	Application Deadline (for registration appointment time)
November 12 - February 1	Registration
Refer to Class Schedule	Payment Deadline for Registration Fees
January 5 - 31	Intersession 2026
January 19	Holiday (Martin Luther King Day)[1]
January 26 - 30	Professional Development - Organizational Meetings
February 2	Semester Length/First 8-Week Classes Begin
February 2 - February 15	Program Adjustment (Add/Drop Period)
February 13	Holiday (Lincoln's Birthday)[1]*
February 15	Last Day to Drop Full Semester Classes without a "W"
February 15	Last Day to Apply for Refund for Full Semester Classes
February 16	Holiday (Washington's Birthday)[1]
February 17	Census Day (Full Semester Classes)
March 6	Last Day to Apply for Spring 2026 Degree/Certificate
March 28	Last Day to Apply for P/NP (First 8-Week Session)
March 28	First 8-Week Session Ends
March 30 - April 2	No Classes, Spring Recess
April 2	First 8-Week Session Instructor Grade Deadline
April 3	Spring Recess Holiday[1]*
April 6	Second 8-Week Session Begins
May 2	Last Day to Drop Semester Length Classes (with "W")
May 25	Holiday (Memorial Day)[1]
June 1	Last Day to Apply for P/NP- Second 8-Week Session
June 1	Last Day to Apply P/NP- Semester Length Classes
June 1	End of Second 8-Week and Semester length Classes
June 3	Cuyamaca Commencement
June 4	Grossmont Commencement
June 5	Instructor Grade Deadline

[1] College and District Offices Closed.
* No classes on Saturday after the Friday holiday

Dates listed are subject to change. Please see https://www.grossmont.edu/academics/calendars/index.php (https://www.grossmont.edu/academics/calendars/) for the most current calendar.

Distinguished Faculty

Hau Nguyen, Full-Time Faculty



Hau Nguyen leads the Computer Science and Information Systems (CSIS) Department at Grossmont College with visionary leadership, commitment to student success, and a deep dedication to academic excellence. A dynamic educator, mentor, and program innovator, he continues to shape the future of Grossmont's technology programs—and the lives of countless students.

Born in Saigon, Vietnam, Hau came to the United States as a refugee at a young age, accompanied by his parents and older sister. His two older brothers and another sister were left behind when the road was abruptly cut off during their escape from the war. It would take nearly a decade of determination and perseverance before his parents were able to reunite the family—an experience that profoundly shaped Hau's values of resilience, hard work, and sacrifice.

Upon arriving in America, Hau's father worked as a janitor cleaning toilets while pursuing a master's degree in computer science—a powerful example of humility and grit that instilled in Hau a lifelong respect for the transformative power of education. Growing up in Arizona, Hau woke early every weekend to help his mother at a swap meet, often sacrificing the typical joys of childhood to support his family. Motivated by the promise of a better future, he graduated from high school in just three years, guided by the belief that education was the key to opportunity.

He went on to earn a Bachelor of Science in Electrical Engineering and a Master of Science in Electrical and Computer Engineering from the University of Arizona. After nearly a decade in the tech industry, Hau returned to academia to complete a Master of Business Administration (MBA) from Arizona State University, further expanding his expertise in leadership and business. He also completed doctoral coursework in higher education and computer engineering, reflecting his belief in lifelong learning. During his time in industry, he nurtured a growing passion for teaching, working part-time as a college instructor during evenings and weekends.

Over his 25+ year career in the high-tech sector, Hau held senior engineering and management roles across a wide range of fields, including satellite communications, unmanned vehicles, cybersecurity, networking, big data, database systems, data centers, and software systems. Despite building a successful and lucrative career, he began to question his place in the corporate world. Observing that many companies prioritized profits over people, Hau longed for a more meaningful path—one where he could help others grow and learn.

That search for purpose led him to his true calling: education and teaching. Leaving the private sector behind, he transitioned to teaching full-time, where he has since made a lasting impact as a professor, department chair, and academic leader. For more than two decades, he has taught Computer Science, Cybersecurity, and Management Information Systems at both community colleges and universities. His industry background brings real-world relevance to his teaching, bridging academic theory with practical application.

At Grossmont College, Hau has been the driving force behind the modernization and expansion of the CSIS Department. He has led the development of workforce-aligned courses, certificates, and degree programs in Cybersecurity and the rapidly growing field of Artificial Intelligence. He also played a pivotal role in initiating the process for the department to be designated a National Center of Academic Excellence in Cyber Defense (CAE-CD) by the National Security Agency.

In the classroom, Hau is known for his engaging, student-centered approach. He regularly invites students to present in front of their peers, helping them build critical soft skills such as public speaking, teamwork, and professionalism. His teaching blends technical rigor with personal mentorship, preparing students not only for successful transfer to four-year universities but also for rewarding careers in today's competitive tech industry.

Under his leadership, Grossmont students have thrived in national competitions, including the SoCal Cyber Cup Challenge and the National Cyber League. In a notable achievement, his students earned first place among all Southern California community colleges in the SoCal Cyber Cup, securing a $5,500 grand prize and trophy, and reinforcing Grossmont's reputation as a leader in cybersecurity education.

Beyond the classroom, Hau fosters a strong sense of community, leadership, and opportunity. He founded the Computer Science and Cybersecurity Organization, giving students a platform to collaborate, explore emerging technologies, and develop leadership skills.

He frequently speaks at local high schools, reentry programs, career fairs, and STEM outreach events, encouraging students from all backgrounds —especially those historically underrepresented—to pursue careers in computer science and related fields. He also plays a vital role in regional workforce initiatives, including the San Diego Border Region Talent Pipeline Verified Program, which aligns academic offerings with in-demand industry skills. Through this program, he led the successful

certification of all CSIS degree programs for paid summer internships, significantly expanding students' access to real-world experience and career pathways.

Within the Grossmont College community, Hau is a catalyst for faculty collaboration and innovation. He organizes monthly off-campus social activities to build collegial relationships and regularly hosts cross-campus meetings to share best practices and enhance curriculum development across institutions.

As a Distinguished Faculty Honoree, Hau Nguyen exemplifies the values of integrity, innovation, perseverance, and student empowerment. His journey—from a refugee child with humble beginnings to a highly respected educator and academic leader—is a powerful reminder of what's possible through education, service, and a deep sense of purpose.

He often tells his students, "If you find a career that you would do for free, that is your passion." For Hau Nguyen, teaching is that passion—and through his work, he continues to find joy and fulfillment by investing in the success of his students—one classroom, one life, and one future at a time.

Ahn Nuzen, Adjunct Faculty



Ahn Nuzen brings over 25 years of expertise in data collection, mining, and analysis, cultivated during his tenure at the U.S. Navy Research Facility in Pt. Loma. He is proficient in programming languages such as Java, Python, and C++, which he applied to develop advanced expert systems in the Navy's weather prediction domain.

In academia, Professor Nuzen designs classroom environments to align with industry needs and job market demands. He incorporates the latest in-demand skills and tools, including Scrum and Agile software development methodologies, and stays current with emerging technologies such as Ollama Artificial Intelligence Large Language Model.

To enhance student engagement and cognitive development, he employs a flipped-classroom approach. This method emphasizes Socratic learning, teamwork, and collaboration by pairing students with diverse programming skill levels for weekly in-class software programming exercises. These sessions promote collaboration, knowledge sharing, and peer-to-peer learning.

He also prepares students for real-world job scenarios by integrating mock interview questions and whiteboard exercises, simulating technical interviews to strengthen students' communication, problem-solving, and presentation skills.

In advanced courses like CSIS 294, he replaces traditional final exams with team-based final projects. Students are organized into groups of 3-5 and work collaboratively to solve technical challenges. This approach not only enhances their technical proficiency but also helps them develop teamwork and interpersonal skills by engaging with peers from diverse backgrounds. This project-based learning mirrors real-world practices, ensuring students are well-equipped to succeed in their professional careers.

Ahn Nuzen also operates a non-profit 501-C-3 to train teachers on how to teach STEM. During his spare time, he mentors middle school FTC robot teams, and high school Cyber teams to compete in CyberPatriot.

History

Our History at Grossmont College

It began as a dream. It had no name, no firm location, and no construction funding. Yet from the moment the idea was born, Grossmont College promised to become one of the region's leading higher education institutions. Today, Grossmont College is a leading provider of higher education and workforce training in San Diego's East County and the No. 1 transfer school in the country to San Diego State University.

An Auspicious Start

Following several years of study involving both lay and educational groups, East County voters approved the formation of the Grossmont Junior College District in an election held Nov. 8, 1960. The first official organizational meeting of the Grossmont Junior College Governing Board occurred July 1, 1961. With an opening enrollment of 1,538, the first college classes convened Sept. 11, 1961, on the Monte Vista High School campus in Spring Valley.

In an election held Sept. 18, 1962, voters approved a $7.5 million facilities bond. The Governing Board moved to purchase a 135-acre site on a scenic mesa in Fletcher Hills adjacent to the cities of El Cajon and La Mesa. Ground was broken for the new campus in December 1963. Even before construction was completed, the administrative offices were moved to the new campus and classes opened Sept. 14, 1964. The Grossmont College campus was officially dedicated Dec. 12, 1964.

The first increment of the campus was planned to accommodate an enrollment of 2,500 daytime students, with the completed campus expected to serve 4,800 students. On Oct. 18, 1965, area voters approved a second bond measure, for $3.5 million, making it possible to complete a new master plan. New facilities were completed Sept. 25, 1967.

In 1970, state legislation changed the term "junior college" in California codes to "community college" and on Jan. 6, 1971, the San Diego County Board of Education approved a petition from the Grossmont Junior College District to change its designation to the Grossmont Community College District. On March 5, 1985, the Governing Board officially changed the name of the district to the Grossmont-Cuyamaca Community College District (GCCCD) to reflect the establishment of Cuyamaca College.

Building A Modern Campus

In 2013, East County voters approved Prop. V, GCCCD's $398 million bond measure. Prop. V projects are intended to prepare local students and veterans for college and career success by upgrading the District's career training facilities for science, medical and public safety. The renovated Building 31, which is part of the Science, Math & Career Complex, opened in spring 2020. The newly constructed Performing and Visual Arts Center (PVAC), which, includes the Hyde Art Gallery, opened in 2021. In Spring 2024, the Math & Sciences Building opened and began offering classes. In addition to new math and science classrooms, the building is home to the new Student Veterans Center, the MESA Program, the Math & Science Center, and employee offices.

Grossmont College Today

Grossmont College is transforming lives through education by offering more than 150 degree and certificate programs, including those focused on university transfer and workforce training. Grossmont College also offers a full range of student activities and clubs, as well as 17 intercollegiate athletic teams.

Enrollment has remained steady at a level of more than 16,000 students since the mid-1970s, rising to 17,484 students in 1991 and 18,241 students in 2002. In fall 2009, enrollment exceeded 20,000 students for the first time with 20,362 students, and increasing to the highest level ever in spring 2010 with 20,793 students.

During the COVID-19 pandemic and the 2020-2021 academic year, Grossmont College continued to offer a robust schedule of classes, primarily online. At the conclusion of the 2020-2021 academic year, 1,554 students graduated, with a total of 3,687 degrees and certificates. Students returned to campus in the fall of 2021, and Grossmont College, for the first time since 2019, held an in-person graduation on June 9, 2022.

In 2023, Grossmont College moved its commencement ceremony to San Diego State University to meet the capacity of its graduates and their guests. In 2024, Grossmont College awarded 4,260 degrees and certificates to more than 1,500 students.

Educational Philosophy

The Grossmont-Cuyamaca Community College District Governing Board believes that a community college should provide experiences that will greatly broaden students' educational opportunities and strengthen society's democratic institutions. Grossmont and Cuyamaca Colleges are committed to provide an education through which students may create rewarding lives, productive for themselves and for society, based on an understanding of the relationship between the past, and the challenges of the present and the future.

The Grossmont-Cuyamaca Community College District Governing Board accepts and is committed to the following premises:

- The democratic way of life allows each individual the personal freedom and initiative consistent with his/her responsibilities to other persons.
- Grossmont and Cuyamaca Colleges recognize the value of our diverse and individual needs, interests, and experiences, vary greatly.
- The maximum development of the personal, social, and intellectual qualities of each individual must be encouraged.
- The development and fulfillment of the individual and the development of the community are increasingly interdependent.

An educational environment dedicated to these philosophic premises will produce individuals prepared for life and citizenship in a complex, diverse society and global economy.

Grossmont College Mission Statement

Vision

Empowered through a culture of inclusivity, Grossmont College strives to maintain our student-centered philosophy while working to support the ever-changing needs of our students. Along with ensuring student success, Grossmont College continues to advance our antiracism and equity work as we venture further into the 21st century.

Mission

Grossmont College serves the diverse population of our surrounding community and beyond by creating clear and accessible pathways to degrees and jobs leading to social and economic mobility for our students. We work collaboratively to cultivate an equitable student-centered learning environment, and we hold ourselves accountable for improving student outcomes through ongoing assessment, evaluation,

and data-informed decision making. Grossmont College offers associate degrees; transfer preparation, including Associate Degrees for Transfer; certificate programs; career education and workforce development.

Values

- **Learning and Student Success** – We dedicate our resources and ourselves in support of our students and their pursuits to achieve their academic, professional, and personal goals.
- **Creativity and Innovation** – We value the capacity for ingenuity and originality on our campus and within our community.
- **Pursuit of Excellence and Continuous Improvement** – We strive for excellence in our programs and services. We believe in the capacity for continuous quality improvement in the pursuit of excellence. We accept the challenges of being accountable for our efforts, and strictly adhere to the institution's mission and vision.
- **Integrity** – We commit to acting and speaking truthfully and responsibly and hold ourselves and others accountable to this standard.
- **Power of Diversity and Inclusion** – We are committed to a climate for learning that considers diverse perspectives to be a powerful component in the education of every individual, valuing and accommodating both differences and commonalities.
- **Civility** – We value fair, respectful, thoughtful interactions, based on a positive approach, that promote reflection, foster deeper understanding of phenomena, and permit achievement of common goals.
- **Balance** – We value a nurturing and positive approach in all we do, embracing laughter and enthusiasm, as we nurture the development of the whole individual, including the intellectual, spiritual, emotional, and physical well-being of each individual.

Ethical Principles

Grossmont College is an academic institution dedicated to the pursuit of learning and the promotion of student success. In the quest for excellence, our entire college community shares the ethical values of integrity, honesty, transparency, civility, and respect. Students, faculty, staff, and administrators are guided by the ethical standards and principles established by the Grossmont College Student Code of Conduct and by comparable codes from professional associations and organizations. These values include personal and collective accountability and a high regard for others, the institution, and its mission.

Educational Objectives

It shall be the policy of the Governing Board of the Grossmont-Cuyamaca Community College District to implement the educational philosophy by providing a variety of programs. These shall be known as:

1. **An instructional program** composed of:
   - **Transfer courses** equivalent to the lower division curriculum of universities and colleges for students who plan to continue their education at a baccalaureate institution.
   - **Vocational and career education courses** to provide technical skills and knowledge for beginning employment, retraining and advancement.
   - **General education courses** to broaden knowledge, skills, attitudes and values, to develop analytical ability and critical thinking, and to foster interest in life-long learning in the educational, scientific, and cultural fields essential for effective participation in a complex society.
   - **Developmental courses** to assist inadequately prepared students to succeed in college course work.
2. **A student services program** composed of:
   - **Academic and vocational support services and personal support services** to provide students with sufficient opportunity to achieve educational success.
   - **Co-curricular activities** to provide opportunities for personal development and social responsibility.
3. **A learning resources program** composed of:
   - **Programs and services** to support and to supplement the instructional, student services, and community education programs.
4. **A community education program** composed of:
   - **Continuing education non-credit courses** which are eligible for state support and are designed to provide education and training in areas of local needs.
   - **Community services courses, workshops, seminars, forums and institutes** to provide for the special educational, cultural, avocational and recreational needs of the community.

Grossmont College Institutional Student Learning Outcomes

The five institutional student learning outcomes are the Grossmont College framework for essential learning. These outcomes outline the knowledge, abilities, and habits of mind that a student will have attained as a result of the college learning experience. The institutional student learning outcomes reflect the Grossmont College commitment to our students and the community we serve.

Critical & Creative Thinking

- Students will explore issues, ideas, artifacts, and events and gather evidence from multiple perspectives before forming an opinion or conclusion.
- Students will analyze, connect, and synthesize ideas in order to creatively solve problems.
- Students will demonstrate competence in interpreting and working with quantitative and qualitative data to weigh evidence, support arguments, and solve problems in everyday situations.

Communication Skills

- Students will communicate effectively through reading, writing, speaking, and listening.

Global & Local Perspectives

- Students will prepare to become global citizens by acknowledging and articulating the interconnection of the physical, social, political, economic, and cultural environments in which they live.
- Students will demonstrate sensitivity, respect, and integrity when interacting with individuals of diverse backgrounds, perspectives, and values.

Technology & Information Skills

- Students will gain core information literacy skills by critically evaluating information, identifying the most reliable information from a variety of sources, and recognizing the importance of being well-informed and sharing information responsibly.
- Students will demonstrate skill in the use of technology and its ethical and responsible applications.

Life & Career Skills

- Students will engage in self-reflection to cultivate their personal development and well-being.
- Students will engage in and interpret various forms of creative expression.
- Students will demonstrate and apply the attitudes, knowledge, ethics, and skills necessary to contribute to professional, civic, and academic communities.

Program Student Learning Outcomes

Each program at Grossmont College has developed specific outcomes to convey the knowledge, skills, and abilities students will obtain upon completion of their major. The Program Outcomes are listed with the description of each major, refer to Associate Degree Programs and Certificates (p. 89).

The Academic Senate for California Community Colleges (ASCCC)

Ethics Statement

The ASCCC adopted the "American Association of University Professors (AAUP) Ethics Statement," and expanded upon it in 1994 and in 2002. In addition to the Ethics Statement, the ASCCC's 2002 paper, "Faculty as Professionals: Responsibilities, Standards and Ethics," provides suggestions about interacting with all members of the college community with the values of "equity, inclusion, openness, diversity, accountability, integrity and honor." Suggestions include: maintaining scholarly competence and honest academic conduct: insuring cultural and gender sensitivity – respecting students as individuals; encouraging the free pursuit of learning – securing student access and success; creating a learning environment of trust and sensitivity; establishing academic standards; and maintaining academic freedom. https://asccc.org/papers/faculty-professionals-responsibilities-standards-and-ethics (https://asccc.org/papers/faculty-professionals-responsibilities-standards-and-ethics/)

Professors, guided by a deep conviction of the worth and dignity of the advancement of knowledge, recognize the special responsibilities placed upon them. Their primary responsibility to their subject is to seek and to state the truth as they see it. To this end professors devote their energies to developing and improving their scholarly competence. They accept the obligation to exercise critical self-discipline and judgment in using, extending, and transmitting knowledge. They practice intellectual honesty. Although professors may follow subsidiary interests, these interests must never seriously hamper or compromise their freedom in inquiry.

As teachers, professors encourage the free pursuit of learning in their students. They hold before them the best scholarly and ethical standards of their discipline. Professors demonstrate respect for students as individuals and adhere to their proper roles as intellectual guides and counselors. Professors make every reasonable effort to foster honest academic conduct and to ensure that their evaluations of students reflect each student's true merit. They respect the confidential nature of the relationship between professor and student. They avoid any exploitation, harassment, or discriminatory treatments of students. They acknowledge significant academic or scholarly assistance from them. They protect their academic freedom.

As colleagues, professors have obligations that derive from common membership in the community of scholars. Professors do not discriminate against or harass colleagues. They respect and defend the free inquiry of associates. In the exchange of criticism and ideas professors show due respect for the opinions of others. Professors acknowledge academic debt and strive to be objective in their professional judgment of colleagues. Professors accept their share of faculty responsibilities for the governance of their institution.

As members of an academic institution, professors seek above all to be effective teachers and scholars. Although professors observe the stated regulations of the institution, provided the regulations do not contravene academic freedom, they maintain their right to criticize and seek revision. Professors give due regard to their paramount responsibilities within their institutions in determining the amount and character of work done outside it. When considering the interruption or termination of their service, professors recognize the effect of their decision upon the program of the institution and give due notice of their intentions.

As members of their community, professors have the rights and obligations of other citizens. Professors measure the urgency of these obligations in the light of their responsibilities to their subject, to their students, to their professions, and to their institution. When they speak or act as private persons, they avoid creating the impression of speaking or acting for their college or university. As citizens engaged in a profession that depends upon freedom for its health and integrity, professors have a particular obligation to promote conditions of free inquiry and to further public understanding of academic freedom.

Academic Freedom

Board Policy 4030

The Grossmont-Cuyamaca College District Governing Board shall promote public understanding and support of academic freedom for the implementation of the educational philosophy of Grossmont-Cuyamaca Community College District. Academic freedom is fundamental for the protection of the rights of the instructor in teaching, and of the student to freedom in learning. It carries with it duties correlative with rights.

1. Instructors are entitled to freedom in the classroom in discussing their subject, but they should be careful not to introduce into their teaching material that has no relation to their subject. The intent is not to discourage what is "controversial." Controversy is at the heart of the free academic inquiry that this entire policy is designed to foster. Instructors should avoid persistently intruding material that has no relation to their subject.
2. Instructors are citizens, members of a learned profession, and may be viewed by those outside of the District as representatives of the District. When they speak or write as citizens outside of their roles with the District, they should be free from institutional censorship or discipline, but their special position in the community imposes special obligations. As scholars and instructors, they should remember that the public might judge their profession and Grossmont-Cuyamaca Community College District by their utterances. Hence they should at all times be accurate, should exercise appropriate restraint, should show respect for the opinions of others, and should make every effort to indicate that they are not speaking for the District.
3. As colleagues, faculty members have obligations that derive from the code of ethics (adopted by both the Grossmont College Academic Senate [11/16/92] and the Cuyamaca College Academic Senate [4/6/95]). Faculty members do not discriminate against or harass colleagues and students. They respect and defend the free inquiry of associates. In the exchange of criticism and ideas, faculty members

show due respect for the opinions of others. Such exchanges shall focus upon the substance and content rather than personal characteristics of individuals. Uncivil, intemperate, or abusive language and behavior is contrary to a productive and safe working and educational environment. This does not contravene academic freedom and free exchange of ideas and opinions, but requires accuracy, appropriate restraint, and respect for the professional expression of others.

4. Instructors are entitled to full freedom in academic research and publication, subject to the adequate performance of their other academic duties, but research and publication for pecuniary return should be based upon an understanding consistent with the collectively bargained agreement between the District and the exclusive bargaining representatives.

General Information

Nondiscrimination Notice

The Grossmont-Cuyamaca Community College District (District) is committed to providing learning and working environments that ensure and promote diversity, equity, and inclusion. People of diverse backgrounds, perspectives, socioeconomic levels, cultures, and abilities are valued, welcomed, and included in all aspects of our organization. The District strives to provide an educational environment that fosters cultural awareness, mutual understanding, and respect that ultimately also benefits the global community.

No person shall be unlawfully subjected to discrimination or denied full and equal access to District programs or activities on the basis of ethnic group identification, race or ethnicity, color, national origin, religion, age, gender, gender identity, gender expression, physical or mental disability, medical condition, pregnancy, genetic information, ancestry, sexual orientation, marital status, or military and veteran status, or because he or she is perceived to have one or more of the foregoing characteristics, or based on association with a person or group with one or more of these actual or perceived characteristics. District programs and activities include, but are not limited to any that are administered or funded directly by or that receive any financial assistance from the California Community Colleges Chancellor's Office.

The Chancellor shall establish administrative procedures that ensure all members of the college community can present complaints regarding alleged violations of this policy and have complaints heard in accordance with the Title 5 regulations and those of other agencies that administer state and federal laws regarding nondiscrimination.

No District funds shall be used for membership or for any participation involving financial payment or contribution on behalf of the District or any individual employed by or associated with the District, to any private organization whose membership practices are discriminatory on the basis of the groups mentioned above.

Inquiries regarding the equal opportunity policies, the filing of grievances, or for requesting a copy of the college's grievance procedures may be directed to:

Employees (all faculty and staff):

- Michael Salvador, GCCCD District Director and Title IX Coordinator
  Michael.Salvador@gcccd.edu
  8800 Grossmont College Drive, Bldg. 38H
  El Cajon, CA 92020
  (619) 644-7039

Students:

- Sara Varghese, Dean of Student Affairs
  Grossmont College - Title IX Investigator
  Sara.Varghese@gcccd.edu
  8800 Grossmont College Drive, Room 60-203
  El Cajon, CA 92020
  (619) 644-7159

Grossmont College recognizes its obligation to provide overall program accessibility for those with physical and mental disabilities. Contact the Accessibility Resource Center (A.R.C) at (619) 644-7112, tone device for deaf (619) 644-7119, Room 60-120 to obtain information on programs and services, activities and facilities on campus and for a geographical accessibility map.

Inquiries regarding federal laws and regulations concerning nondiscrimination in education or the college's compliance with those provisions may also be directed to:

- **Office for Civil Rights**
  U.S. Department of Education
  221 Main Street, Suite 1020
  San Francisco, CA 94105

Sexual Harassment

Legal Background: Guidelines of Title VII of the Civil Rights Act focus upon sexual harassment as an unlawful practice. "Sexual harassment like harassment on the basis of color, race, religion or national origin, has long been recognized by the Equal Employment Opportunity Commission as a violation of Section 703 of Title VII of the Civil Rights Act as amended" (Federal Register, April 11, 1980). Interpretation of Title IX of the Education Amendments similarly delineates sexual harassment as discriminatory and unlawful.

Definition: Sexual harassment is defined in GCCCD Policy 3430 as the following:

Unwelcome sexual advances, requests for sexual favors, and other verbal, visual, or physical conduct of a sexual nature made by someone from, or in, the work or educational setting when:

- Submission to the conduct is made a term or condition of an individual's employment, academic status, or progress;
- Submission to or rejection of the conduct by the individual is used as a basis of employment or academic decisions affecting the individual;
- The conduct has the purpose or effect of having a negative impact upon the individual's work or academic performance, or of creating an intimidating, hostile or offensive work or education environment; or
- Submission to or rejection of the conduct by the individual is used as the basis for any decision affecting the individual.

Process: Complaints must be filed within 180 days of the date the alleged unlawful discrimination occurred, except that this period shall be extended by no more than 90 days following the expiration of the 180 days if the complainant first obtained knowledge of the facts of the alleged violation after the expiration of the 180 days (California Code Regulations, Title 5, Section 59328e).

If the alleged harasser is a student, initial action on the complaint shall be the joint responsibility of the Dean, Student Affairs and the Director of Employee and Labor Relations.

If the alleged harasser is an employee, initial action on the complaint shall be the joint responsibility of the employee's immediate supervisor and the Director of Employee and Labor Relations.

Air Force and Army Reserve Officers Training Corps

Air Force Reserve Officers Training Corps (AFROTC)

The Air Force Reserve Officer Training Corps (AFROTC) is a three- or four-year program designed to equip students with leadership skills and commission officers for tomorrow's Air Force. Required coursework

includes lectures, a leadership laboratory practical component, panel discussions, dialogues, problem solving, and physical training. All coursework is completed on site at or near SDSU, with the exception of a four-week summer Field Training encampment conducted on a military base between the second and third year.

Scholarships are available for qualified cadets, and may be applied towards tuition, lab fees, and other required items. In addition, scholarship students receive a non-taxable book allowance and monthly stipend. Upon successful completion of the AFROTC program and all requirements for a Bachelor's Degree, cadets are commissioned as Second Lieutenants and serve a minimum of four years in the Active Duty Air Force.

Grossmont College does not have a Reserve Officer Training Corps (ROTC) program on campus; however, through an agreement with San Diego State University, students may participate in Air Force ROTC through the SDSU College of Extended Studies. Credits earned in these classes may be transferred as electives to meet the degree requirements of Grossmont College.

There is no advance application needed to participate in the freshmen or sophomore level course; however, an orientation program, held just prior to the start of the semester, is recommended. Interested students should contact the AFROTC Detachment 075 Recruiting Flight Commander at (619) 594-5550 or see the websites below for more information.

US Air Force Website: https://www.airforce.com
National AFROTC Website: https://www.afrotc.com

Child Development Center

The Grossmont College Child Development Center, operated by the Child Development Program, provides care and education for infant, toddler and preschool children of students, staff and faculty. Please call the Center at 619-644-7715 for information on specific ages, fees, schedules, and registration. Applications are available on the website: https://www.grossmont.edu/childdevelopment (https://www.grossmont.edu/childdevelopment/).

Community Service Learning Experience

Community Service Learning (CSL) is a form of "experiential education," which helps students "learn by doing" through structured activities outside of the classroom and by reflecting on these experiences. Through CSL, students learn about needs in the community while volunteering to address those needs at a specific agency.

At Grossmont College students have the opportunity to earn academic credit for CSLE in about 15 different disciplines. They can apply classroom knowledge to agencies that serve to address a variety of needs, such as homelessness, literacy, the arts, nutrition and aging. The CSL experience can also help students research majors and clarify career goals, while taking part in the larger statewide service agenda.

Evening, Saturday and Off-Campus Classes

Evening, Saturday and off-campus classes do not differ from those in the regular day program. They are parallel in title and number, prerequisites, course content, outside work required and examinations. Students may also satisfy requirements for the Associate in Arts Degree or the Associate in Science Degree.

The courses offer many possibilities: preparation for a vocation, preparation for transfer to a four-year college, an opportunity to obtain a general education and an opportunity to participate in a short lecture, concert, or film series. Counseling services are available to help students in their educational planning. Admission procedures and requirements described elsewhere in this catalog are applicable to the student.

International Education Study Abroad Programs

Grossmont College is committed to providing opportunities for students to participate in study abroad programs in foreign countries and to develop their global competence.

Semester Programs

Grossmont College offers semester-length study abroad programs in other countries through SDICCCA, a consortium of colleges in Southern California. General education courses vary as appropriate to the country where the study abroad program is taking place and to the faculty selected for these programs.

Summer Programs

A variety of programs are offered during the summer that offer intensive language study combined with study of the local culture and arts.

Program Format

Classes are held at universities in the host country. Students live in shared apartments or where available may choose to live with local families. Field trips and excursions to nearby points of interest are included in the study abroad programs. College credits earned while studying abroad are transferable and meet all general education requirements.

Costs vary according to location and length of stay. Scholarships, grants, loans and other financial aid options are available for students who qualify. Please contact the Financial Aid Office for more information at 619-644-7129.

Additional information is available at 619-644-7241 and at the Grossmont College website under student activities.

New Horizons

New Horizons is dedicated to helping students achieve their goals and create new opportunities for themselves and their families. Our program is unique because we serve students who are in vocational majors, also known as career technical education. Services offered are specialized counseling, referrals, and coordination with other campus services. Our goal is to help individuals improve the quality of their lives and attain family economic self-sufficiency through education. You may qualify by one or more of the following if you are:

- A single parent;
- A displaced homemaker;
- A single pregnant woman;
- Low-Income Individual (qualify for fee waiver);
- An academically under prepared student enrolled in a vocational major leading to a certificate, associate degree **or** skills upgrade.

The New Horizons Office is located in Room 38E-102A, telephone (619) 644-7552, or visit our web site at New Horizons (grossmont.edu) (https://

www.grossmont.edu/student-support/calworks/newhorizons.php). We accept applications year round.

NextUp Foster Youth Services

NextUp formerly, Cooperating Agencies Foster Youth Educational Support (CAFYES)

The NextUp program is designed to serve students from foster care through the Extended Opportunity Programs and Services (EOPS) program. The NextUp program at Grossmont College provides comprehensive support services tailored specifically to the needs of current or former foster youth.

NextUp Services can include:

- Academic, Career and Personal Counseling tailored to the needs of Foster Youth
- NextUp College Orientation Services
- Specialized Student Success Workshops
- Book Grants (Fall, Intersession, Spring, and Summer)
- Meal Vouchers
- NextUp Academic Grants
- Transportation assistance
- Additional services may be provided as needed

To be eligible for the NextUp program, students must:

- Be current or former foster youth in California whose dependency was established or continued by the court on or after the student's 13th to 18th birthday
- Provide **one** of the following documents to verify foster dependency status:
  - Verification in writing from the county child welfare agency or
  - Verification in writing from the county independent living program or
  - Verification in writing from the county probation agency or
  - Verification in writing from the California Department of Social Services Foster Care Ombudsman

To be eligible for the NextUp program, students must also:

- Be no older than 25 years of age at the commencement of any academic year in which they participate in the NextUp program
- Be eligible for the EOPS program
- Be enrolled in 9 or more units at time of acceptance into the program, unless the student has a waiver for fewer units from the A.R.C. (Accessibility Resource Center)

The NextUp Office is located in 60-125. To learn more or check eligibility, please call 619-644-3932.

Office Professional Training (OPT) Program

Grossmont College Business Office Technology Dept. offers a full-time, one-semester, job-training program for business office careers in accounting, insurance, medical office, and office support.

All tuition, fees, and books are free to eligible persons, along with counseling support and career placement assistance.

Training includes college-credit courses in keyboarding, Microsoft Word, Excel, Outlook, Business English & Communication, Effective Job Search, Social Media for Job Seekers, and Office Systems & Procedures. Career specialization courses are also included.

Program offered every fall and spring semester. Contact the OPT office at 619-644-7247 or Grossmont.opt@gcccd.edu for information. https://www.grossmont.edu/academics/programs/bot/opt.php.

Project Success

The Grossmont College English Department coordinates the Project Success Learning Community Program. A learning community consists of a cohort of students enrolled together in two or more courses that are linked and intentionally designed to enhance collaborative, integrative learning and critical thinking. The experience builds community, augments learning, and fosters connections among students, faculty, and disciplines. Learning community instructors work together to create an engaging curriculum, often centered around a common theme, problem, or public issue. The assignments inspire deep thinking, powerful interdisciplinary connections, and real-world application. A 2021 study of the program proved that students in Project Success learning communities succeed at higher rates and earn higher GPAs.

Recent links combine English C1000 (formerly English 120), ENGL C1000/020, or English C1001 (formerly English124) with popular GE courses in departments such as Ethnic Studies, Sociology, Math, Music, History, and Counseling. Many of these links are also part of other campus student programs – Umoja, Puente, the First Year Experience Program (FYE), and Athletics – that offer students rich resources and special perks, such as direct access to a counselor and priority registration. These courses satisfy general education requirements for Grossmont and transfer to CSU and UC. Please check the course schedule for available options.

For more information, contact Cathy Miller at cathy.miller@gcccd.edu, or make an appointment to meet with an academic counselor by calling 619.644.7208.

Schedule of Classes

Grossmont College publishes an online schedule of classes prior to the beginning of each fall and spring semester and one for all summer sessions indicating each course to be offered during the day and evening.

Summer Session

A student can register for a maximum of eight units during the summer session. Application for admission must be filed prior to each session. College and legal regulations including residence, fees, veterans, financial aid and withdrawal procedures apply. Members of the counseling staff are available throughout the summer session for assistance.

Voter Registration

Register to Vote at https://registertovote.ca.gov/.

Check your voter registration status at https://voterstatus.sos.ca.gov/.

For information on early voting dates, please access the Registrar of Voters website at www.sdvote.com/ (http://www.sdvote.com/).

All election dates and deadlines should be verified at the Secretary of State (www.sos.ca.gov/elections (http://www.sos.ca.gov/elections/)) or

the San Diego County Election Office (www.sdvote.com (http://www.sdvote.com/)).

Admission Information

Admission and Registration

The college year is divided into three primary sessions: fall semester, spring semester (including spring intersession) and summer session. Courses offered during the various sessions are similar in scope and maintain equivalent standards. The same requirements for admission, enrollment and graduation apply to all students, regardless of time of day or period of the year they attend classes. The college library, laboratories, and other facilities are available throughout each session.

Admission Procedures

Students should observe the following admission procedures:

1. File an application online (https://www.grossmont.edu).
2. Have official transcripts on file from all colleges attended. An official transcript is one that has been sent directly to the office of Admissions and Records from the issuing institution. Transcripts submitted previously by applicants who never enrolled are kept on file for two years.
    1. Grossmont College accepts credit only from institutions accredited by one of the six regional accrediting associations.
    2. Veterans receiving benefits must submit all transcripts from previous colleges.
3. Per state legislation (AB 705/1805), all students have the right to bypass remedial coursework and register directly into transfer-level English and Math. Standardized assessment tests are no longer used to place students into English and math coursework. Instead, students who plan to enroll in an English or math class, or who plan to enter a degree, certificate or transfer program are encouraged to fill out a self-guided placement questionnaire based on their high school academic record (such as coursework, grades, and/or GPA). In addition, colleges shall use evidence-based multiple measures for placing students into English-as-a-Second Language (ESL) courses. To access the self-guided questionnaire, please visit https://selfservice.gcccd.edu/Student/. Students who have completed an English and math class at another college may receive placement by presenting transcripts to the Counseling Center or by submitting an Online Placement/Prerequisite Clearance Form that can be found at https://www.grossmont.edu/admissions/placement-prerequisite-clearance-form.php.
4. Arrange for an orientation and program advisement appointment.
5. Complete formal registration as scheduled (course selection and fee payment).

Eligibility for Enrollment

Students may be admitted to Grossmont or Cuyamaca College if they meet **at least one** of the following criteria:

- Have earned a high school diploma from a recognized or accredited institution
- Possess a General Educational Development (GED) certificate
- Hold a recognized equivalent of a high school diploma as determined by state or local educational authorities
- Are 18 years of age or older and can demonstrate the ability to benefit from college-level instruction

Students who are **17 years old or younger before the start of the semester** must provide proof of high school graduation to the Admissions and Records Office.

While earning a high school diploma through a local adult school is recommended, non-graduates who are over 18 years of age may be admitted based on their ability to benefit.

Students transferring from accredited colleges or universities are also eligible for admission.

Verification of High School Completion

To ensure enrollment integrity and compliance with district policies and federal financial aid requirements, the Grossmont-Cuyamaca Community College District (GCCCD) may verify high school completion using the following procedures:

1. Documentation Review

- Students may be asked to submit official high school transcripts or records confirming completion of secondary education.
- If there are concerns about the validity of a diploma, additional documentation may be requested, such as:
    - A description of coursework or graduation requirements
    - A signed statement from a school official verifying that the school meets academic standards

2. State, Tribal, or Local Oversight Confirmation

- If the high school is overseen by a state, Tribal, or local education authority, GCCCD may seek verification directly from the relevant agency to confirm the school's recognition and legitimacy.

3. Internal Reference Lists

- GCCCD may consult internal records of schools previously identified as issuing non-recognized diplomas or requiring minimal academic instruction. These references help guide decisions about diploma acceptability.

Criteria for Invalid Diplomas

A diploma may be deemed invalid if it meets any of the following conditions:

- Issued by a school that is not recognized or fails to meet applicable educational standards
- Obtained from an institution requiring little or no academic coursework
- Issued by an entity primarily operating to provide diplomas without proper academic rigor

Financial Aid Considerations

When completing the FAFSA, students must report their high school information, including the name, city, and state. Note: A school's presence or absence from the FAFSA dropdown list **does not** guarantee the validity of the diploma.

Resolving Conflicting Information

If discrepancies arise between a student's FAFSA responses and other records, GCCCD must resolve the conflict before awarding financial aid. **Self-certification is not sufficient** when a diploma's validity is in question.

District Authority

The Grossmont-Cuyamaca Community College District reserves the right to determine the acceptability of high school diplomas or equivalents based on established district procedures. Final decisions regarding both enrollment eligibility and financial aid are made by the college.

Dual Enrollment

High school students in the 9th, 10th, 11th, or 12th grade, who are at least 14 years of age, may attend upon approval of a high school counselor and parent or guardian of the student. Courses attempted and units earned will be recorded on a college permanent record. High school students are not eligible to receive Title IV Federal Financial Aid, and if classified as a non-resident of California, will be responsible to pay non-resident tuition. Visit our Dual Enrollment page for more information: High School Students (https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.grossmont.edu%2Fadmissions%2Fhow-to-apply%2Fhigh-school-students.php&data=05%7C02%7C%7Cc8d1a19e1e094fc6bb6f08dd92330832%7C29eb4092cc454f0089bca444189b8fca%7C0%7C0%7C638827470083728925%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIlciOjYq%3D%3D%7C0%7C%7C%7C&sdata=kl1YoKXiF%2BY2JDOXbl%2FIpNvsbDFXtdTDPuweDQ9zrQ4%3D&reserved=0)

Nonresidents

Because Grossmont College is a state supported institution it must follow California laws pertaining to residency classification, in addition to many other regulations, for all students at California Community Colleges. All students must be classified as either "resident" or "nonresident" for tuition purposes. Students who are applying for admission, or currently enrolled students requesting residency reclassification, are required to provide supplemental information and supporting documentation or evidence to determine his or her residence classification.

Nonresidents may attend by paying the established nonresident tuition, enrollment, health services and student representation fees. To obtain resident status, a student must establish both physical presence and intent in California for more than one year immediately preceding the residence determination date for a term. See below for more information on Residency.

Residency Information

Each student enrolled or applying for admission to any California community college will provide information and evidence of residence as deemed necessary by the district Governing Board to determine residence classification. Guidelines for determining residence are outlined in the California Administrative and Education Codes. Falsification of residency information may result in admission to the college being denied.

The determination of a student's classification will be made in accordance with the provisions of these policies and the residence determination date for the semester or session for which the student proposes to attend any community college. The following is a summary of residency guidelines and is by no means complete. Changes may have been made in the statutes and regulations since the time this catalog was published. For more information, contact the Residency Specialist in the Admissions and Records Office.

I. Resident Classification

1. A *"resident"* is a student who has been both physically present and has shown intent to make the State of California his/her residence for more than one year immediately preceding the residence determination date (Section 54020 of Title 5 of the California Administrative Code). At Grossmont College the "residence determination date" is the day immediately preceding the first day of instruction of the semester or term to which the student seeks admission.
2. A *"non-resident"* is a student who has not been either physically present or shown intent to make the State of California his/her residence for more than one year immediately preceding the residence determination date. Students so classified, unless they qualify under one or more of the exceptions later enumerated, will be required to pay a tuition charge as established by the Grossmont-Cuyamaca Community College District Governing Board.

II. Determination of Residence

1. **Residence.** The following rules are used to determine place of residence. Each student must provide appropriate documentation.
    1. The "residency determination date" is one year and one day prior to the beginning of the semester. Every person by law has a residence. A person can have only one residence. There is only **one** residency determination date per semester.
    2. To be eligible for resident classification, you must have established and maintained permanent residence in California at least one full year prior to the residency determination date.
    3. Residence is defined where one remains when not called elsewhere for labor or other special or temporary purposes, and to which one returns in seasons of repose.
    4. Residency of students under 19 at the time of the residency determination date will be based on the residency status of the parent (or legal court-appointed guardian) with whom they are living or have most recently lived with. Between the ages of 18 and 19 the student is considered to be establishing their own residency, with a one-year waiting period starting on their 18th birthday.
    5. A residency can be changed only by the union of physical presence and intent.
    6. A person who wants to clear his or her residency for a current semester must do so during the semester, and not after the semester is over.
    7. A person cannot establish residency in California by simply attending school in California and demonstrate no actions of 'intent'.
    8. Conduct **consistent** with attaining California residency includes getting a California driver's license, registering your car in California, registering to vote in California, filing California resident tax form, maintaining an active bank account in California and maintaining permanent residence in the state.
    9. Conduct **inconsistent** with a claim for California residency includes getting or maintaining a driver's license and/or vehicle registration in another state, attending an out-of-state institution as a resident of that state, declaring non-residence for California income tax purposes, being claimed as a dependent by your out of state parent, being a petitioner for a divorce or lawsuit as a resident in another state, attending an out of state school as a resident of that state, or maintaining ties to your previous state of residence.
2. **Adults**. Persons 18 years of age or older may establish residence in accordance with Section A and C (6).
3. **Minors**. Persons under 18 years of age may establish residence in accordance with the following:

1. A married minor may establish his/her own residence.
2. If the parents are separated permanently, the residence of the minor is the residence of the parent with whom the minor lives.
3. If both parents are deceased and there is no court-appointed guardian, the minor may establish his/her own residence.
4. The residence of an unmarried minor who has a parent living cannot be changed by his or her own act, by the appointment of a legal guardian or by relinquishment of a parent's right of control, unless the minor qualifies for the two-year care and control or the self-support exception.
5. When applicable, a student who has not been an adult for a full year (those under 19 years of age) immediately preceding the "residence determination date" for the semester, or term, may combine time as a resident minor with time as a resident adult to establish the one-year California "resident" requirement.
6. A student who is a minor and resides with either the father or mother (or both) may be classified as a resident of California if the parent (or parents) with whom the minor lives has had a legal residence in California for more than one year prior to the "residence determination date." This determination is made whether or not the minor has resided with the parent (or parents) for one day, one month or one year. The determining factor is whether the parent with whom the minor lives is a legal resident of California.

4. **Exceptions.**
   1. A student who is a minor and remains in California after "resident" parents establish residence elsewhere, may retain residency until the minor has attained majority or long enough to establish legal residence, so long as continuous attendance is maintained with at least 12 units at an institution. Nothing in this section will require attendance during summer intersession or any term beyond the normal academic year.
   2. The student classified as a "non-resident" shall not obtain "resident" classification as a result of maintaining continuous attendance at an institution without meeting the other requirements of obtaining such classification.
   3. A minor student who has been entirely self-supporting and actually present in California for more than one year immediately preceding the "residence determination date," with the intention of acquiring a residence therein, shall be entitled to "resident" classification until the student has resided in the state the minimum time necessary to become a resident.
   4. A person who is a natural or adopted child, stepchild or spouse, who is a dependent of a member of the armed forces of the United States stationed in California on active duty, shall be waived from paying nonresident tuition during the first year he/she resides in California or until he/she has resided in California the minimum time necessary to become a resident. This exception requires that the member of the armed forces be stationed within California or has been transferred to a place outside the continental United States directly from a California duty assignment. After two years have elapsed, the student is subject to reclassification according to the policies stated in this section.
   5. A person who is a member of the armed forces of the United States stationed in California on active duty, except a member of the armed forces assigned for educational purposes to state-supported institutions of higher education, shall be waived from paying nonresident tuition for the entire period he/she is stationed on active duty in California.
   6. A person who was a member of the armed forces stationed in California on active duty for more than one year immediately prior to being discharged, shall be waived from paying nonresident tuition for up to two years for the time he/she lives in California after being discharged. This three-year waiver after the discharge date allows the time necessary to establish residence. After two years have elapsed, the student is subject to reclassification according to the policies stated in this section. A veteran who was discharged or released from at least 90 days of active service less than three years before the date of enrollment in a course commencing on or after July 1, 2015, and his/her dependents, regardless of the veteran's state of residence are entitled to resident classification.

      Changes for VACA (Veteran's Choice Access Act 2015)
      (Nonresident Veterans)
      (Title 38, U.S. Code 3679(c); Ed. Code §§ 68075.5, 68075.7)
      In August 2014, the Veterans Access, Choice, and Accountability Act of 2014 (VACA Act) was signed into federal law (updated in 2016 by Public Law 114-315). This required the U.S. Department of Veterans Affairs (VA) to disapprove programs of education under the Montgomery GI Bill-Active Duty (MGIB-AD) and Post-9/11 GI Bill education benefit programs (Chapters 30 or 33, respectively, of Title 38, U.S. Code) at public institutions of higher learning if the school charges qualifying nonresident veterans and other qualifying individuals ("covered individuals") tuition and fees in excess of the in-state rate for resident students for terms beginning after July 1, 2015 therefore, California Community Colleges proceeded to implement "in-state" rates for "covered individuals" effective for academic terms beginning after July, 1 2015 as required by enacted Education Code section 68075.7 (AB 81, 2015; SB 85, 2017). For the specific criteria for determining eligibility for "covered individual status" and other VACA Act implementation guidance, please refer to Title 38, U.S. Code, section 3679(c) and Education Code section 68075.7. Please note the VACA Act was further amended in September 2018 by Pub. L. No 115-251, which added a new category of covered individuals. The new category includes individuals eligible for rehabilitation under 38 U.S. Code § 3102 pursuing a course of education with education assistance from the Training and Rehabilitation for Veterans with Service-Connected Disabilities (Chapter 31) education benefits program. SB 701 (Chapter 110, 2021) effective for academic terms beginning after July 1, 2019, amends Education Code section 68075.7 to mirror federal law and include the new category of "covered individuals". Education Code section 68075.7 grants an exemption to nonresident tuition to all qualifying individuals ("covered individuals") under the VACA Act as defined in 38 U.S.C. 3679(c).
      To qualify for AB13 VACA to waive non-resident fees, the student must be a "covered individual" (Montgomery GI Bill, Veterans Readiness Program and Post 9/11) using VA education benefits at Grossmont College.
      A student who is an adult alien will be entitled to "resident" classification if the student has been lawfully admitted to the United States for permanent residence, provided that the student has had residence in the State of California for more than one year after such admission prior to the "residence determination date" for the term for which the student proposed to attend the institution.
      For purposes of this section, "Armed Forces of the United States" means the Air Force, Army, Coast Guard, Marine Corps, Navy, **and the reserve components of each of those forces, the California**

Army National Guard, the California State Military Reserve, and the California Naval Militia. (AB3255)
If that member of the Armed Forces of the United States who is in attendance at an institution is thereafter transferred on military orders to a place outside this state where the member continues to serve in the Armed Forces of the United States, he or she shall not lose his or her resident classification so long as he or she remains continuously enrolled at that institution.

7. A student who is an adult alien will be entitled to "resident" classification if the student has been lawfully admitted to the United States for permanent residence, provided that the student has had residence in the State of California for more than one year after such admission prior to the "residence determination date" for the term for which the student proposed to attend the institution.
8. A student who is a minor alien will be entitled to "resident" classification if both the student and the student's parents have been lawfully admitted to the United States for permanent residence, provided that the parents have had residence in the state for more than one year after such admission prior to the "residence determination date" for the term for which the student proposes to attend an institution.
   Education code section 68075.6 grants an immediate nonresident tuition fee exemption to eligible Special Immigrant Visa (SIV) holders and refugee students who settled in California upon entering the U.S. This exemption is granted for one year from the date the student settled in California upon entering the U.S. This exemption applies to the following: (AB343)
   Iraqi citizens or nationals and the spouses and children who were employed by or on behalf of the U.S. Government in Iraq. (Pub.L. No.110-181,1244)
   Afghan and Iraqi translators (and their spouses and children) who worked directly with U.S. Armed Forces.
   Afghanistan nationals who were employed by or on behalf of the U.S. or in the International Security Assistance Force in Afghanistan.
   Refugee students admitted to the U.S. under Section 1157 of Title 8 of the United States Code.
   A special part-time high school student, other than a non-immigrant alien within the meaning of paragraph (15) of subsection (a) of Section 1101 of Title 8 of the United States Code, admitted pursuant to Section 76001, 76003, or 76004, (AB2364).
   A student who is a U.S. citizen who has a parent or guardian who has been deported or was permitted to depart voluntarily under the federal Immigration and Nationality Act in accordance with Section 1229c of Title 8 of the United States Code. The student shall provide documents from the United States Citizenship and Immigration Services evidencing the deportation or voluntary departure of his or her parent or guardian. (AB141)
9. A student who is an apprentice, as defined in Section 3077 of the Labor Code, will be entitled to "resident" classification.
10. A student who holds a valid credential authorizing service in the public schools of California and who is employed by a school district in a full-time position requiring certification qualifications for the college year in which the student enrolls will be entitled to "resident" classification if such a student meets any of the following requirements:
    1. Holds a provisional credential and enrolls in courses necessary to obtain another type of credential authorizing service in the public schools.
    2. Holds a credential issued pursuant to Section 44250 and enrolls in courses necessary to fulfill credential requirements.
    3. Enrolls in courses necessary to fulfill the requirements for a fifth year of education, prescribed by sub. (b) of Section 44259.
11. A student who is a full-time employee of a California community college or a student who is the child or spouse of a full-time employee of a California community college may be entitled to "resident" classification until the student has resided in the State of California the minimum time necessary to become a resident.
12. A minor student shall be entitled to "resident" classification if, immediately prior to enrolling at an institution, the student has lived and been under the continuous direct care and control of any adult or adults, other than a parent, for a period of not less than two years, provided that the adult or adults having such control have been domiciled in California during the year immediately prior to the "residence determination date." This exception shall continue until the student has attained the age of majority and has resided in the state the minimum time necessary to become a resident so long as continuous attendance is maintained at an institution. A student who meets the AB540 status (see Financial Aid) website https://www.grossmont.edu/financial-aid/how-to-pay-for-college/financial-aid-for-undocumented-students.php for criteria.
13. For purposes of the non-resident tuition fee, a community college district shall disregard the time during which a student living in the district resided outside the state if:
    1. The change of residence to a place outside the state was due to a job transfer and was made at the request of the student's employer or, in the case of a student who resided with and was a dependent of the student's parents, the change of residence was made at the request of an employer of either of the student's parents.
    2. Such absence from the state was for a period of not more than four years providing student never established residency in another state.
    3. At the time of application for admission to a college maintained by the district, the student would qualify as a resident if the period of the student's absence from the state was disregarded.

    A non-resident tuition fee shall not be charged to a student who meets each of the conditions specified in subdivisions "a through c" inclusive.
14. **AB 540**
    One major exception from the payment of nonresident tuition is often referred to as the "AB 540" exemption. Assembly Bill (AB) 540 added section 68130.5 to the Education Code, which was modified in 2014 with the passage of AB 2000 (Gomez), and again in 2017 with the passage of SB 68 (Lara). (Ed. Code, § 68130.5; Cal. Code Regs., tit. 5, §§ 54045.5 and 58003.6) This section requires community college districts to exempt eligible students from nonresident tuition if they meet all of the following requirements:
    1. **Requirement 1: Attendance at California Schools**
       This requirement may be met in either of the following two ways:
       - Total attendance (or attainment of credits earned) in California equivalent to three or more years of full-time attendance at California high schools, California adult

schools, campuses of the California Community Colleges, or a combination of these; or

- Three or more years of full-time high school coursework in California, and a total of three or more years of attendance in California elementary schools and/or California secondary schools.

Note: Attendance in credit courses at a California community college counted toward this requirement shall not exceed a total of two years of full-time attendance. Please see AB 540 Affidavit form regarding credit hours required.

2. **Requirement 2: Completion of a Course of Study**
   This requirement can be met in any of the following ways:
   - Graduation from a California high school or equivalent; or
   - Attainment of an associate degree from a California community college; or
   - Fulfillment of the minimum transfer requirements established for the University of California or the California State University for students transferring from a California community college
3. **Requirement 3: Registration**
   Requires registration as an entering student at, or current enrollment at, an accredited institution of higher education in California. (Ed. Code, § 68130.5, subd. (a)(3).)
4. **Requirement 4: Affidavit of student without lawful immigration status**
   Students without lawful immigration status must file an affidavit with their college or university stating that the student has either filed an application to legalize his or her immigration status or will file an application as soon as he or she is eligible to do so. (Ed. Code, § 68130.5, subd. (a)(4).) Nonimmigrant alien students (other than "T" or "U" nonimmigrant visa holders in accordance with Education Code section 68122 and effective January 1, 2013 pursuant to AB 1899 of 2012), as defined by federal law, are not eligible for the AB 540 exemption. Students who are exempt from the payment of nonresident tuition under Education Code section 68130.5 may be reported by a community college district as a full-time equivalent student for apportionment purposes. Although these students are exempted from paying nonresident tuition, they remain nonresidents until such time as they change their immigration status to one that allows establishing a domicile in the United States.

15. **AB 2364**
    Pursuant to AB 2364 (Holden, Chapter 299, Statutes of 2016; Ed. Code, § 76140) and effective January 1, 2017, a district must exempt all qualifying nonresident special "part-time" students (other than those with a non-immigrant status, such as those present in the United States on a B Visitor Visa[1]) from the nonresident tuition fee and expressly allows districts to report their attendance as resident FTES for apportionment purposes. Under an AB 288 (Holden, Chapter 618, Statutes of 2015) College and Career Access Pathways Partnership (CCAP) dual enrollment agreement with a school district, qualifying special part-time student status permits enrollment up to 15 credit units and the units may not constitute more than four community college courses per term in accordance with Education Code section 76004(p). Under non-CCAP dual enrollment, qualifying special part-time student status permits enrollment up to 11 credit units per term in accordance with Education Code section 76001(d). Please note that the AB 2364 provisions described above modified the provisions of previously approved SB 150 (Lara, Chapter 575, Statutes of 2013). SB 150 provided that the nonresident tuition exemption applicable to eligible special part-time students was permissive, which under AB 2364 has now been modified to be mandatory. Additionally, under SB 150 the attendance generated by exempted students was not eligible to be reported for apportionment purposes, but under AB 2364 attendance generated by exempted students is eligible to be reported for apportionment purposes. As was the case with SB 150, the only nonresident special part-time students that would not be eligible would be those with a nonimmigrant status[1], such as those present in the United States on a B Visitor Visa or an F Student Visa.
16. **T-1 to T-6 visa holders**
    Victims of a severe form of trafficking in persons; spouse or child; parent of T-1 if T-1 victim is under 21 years of age. [Note: May be entitled to an immediate exemption from the nonresident tuition fee if upon entry to the United States, the T visa holder first settled in California pursuant to the provisions of Education Code section 68075.6 and 68122 (effective January 1, 2018). This exemption is only for the length of time he or she lives in this state up to the minimum time necessary to become a resident (one year and one day).]
17. **U-1 to U-5 visa holders**
    Victims of certain crimes; spouse or child; parent of U-1 victim if U-1 is under 21 years of age. [Note: May be entitled to an immediate exemption from the nonresident tuition fee if upon entry to the United States, the U visa holder first settled in California pursuant to the provisions of Education Code section 68075.6 and 68122 (effective January 1, 2018). This exemption is only for the length of time he or she lives in this state up to the minimum time necessary to become a resident (one year and one day).]
18. **Adult Dependent Child of California Resident**
    A student who has not been an adult resident of California for more than one year and is the dependent child of a California resident parent shall be entitled to resident classification until the student has resided in California the minimum time necessary to become a resident so long as continuous attendance is maintained at the college.
    Thereafter, such student must meet the requirements for establishing residency.
    Requires:
    1. The student must be an adult natural or adopted child of a California resident who has satisfied the one-year waiting period requirement.
    2. The student is a dependent for income tax purposes of that California resident, or evidence is provided that the student is currently dependent on parent who is a California resident, even though the student had previously been claimed for income tax purposes by a parent who resided outside of California. The student must not have lived in California for more than one year.
    3. The student must maintain continuous attendance at the college.

Reference: ECS 68076

[1] As an interpretation of AB 2364, please note that the Chancellor's Office has determined that nonresident special part-time students that hold a "T" or "U" non-immigrant visa would **not** be excluded from this required nonresident tuition fee exemption and that eligible special part-time students must reside in California during the period of attendance.

III. Factors to be Considered in Determining Residence

1. Residence is established only by the union of both act and intent. The following factors may be used to demonstrate that intent. No one factor is decisive; however, the college may look for certain objective manifestations of subjective intent on the part of one asserting that residence status has been established, or has been maintained in spite of an absence from California.
    1. Registering to vote and voting in elections in California and not in any other state.
    2. Filing California personal income taxes as a resident of the state.
    3. Ownership of residential property or continuous occupancy.
    4. Licensing from the state for professional practice.
    5. Maintaining active resident memberships in California professional organizations.
    6. Maintain valid resident California vehicle license plates and/or operator's license.
    7. Maintaining active savings and checking accounts in California banks only.
    8. Engagement in litigation for which residence is required.
    9. Showing California as home address on federal income tax forms.
2. Factors that negate intent will also be considered.
3. The Grossmont College admissions/residency questionnaire shall contain a variety of questions directed at establishing the residency classification of a student.

IV. Review and Appeal of Classification

Any student, following a final decision on residence classification by the college, may make written appeal to the Chancellor of the district or designee within 30 calendar days of notification of the final decision by the campus regarding classification. The Chancellor, on the basis of the statement of Legal Residence, pertinent information contained in the Dean of Admissions and Records and Financial Aid file, and information contained in the student's appeal, will make the determination and notify the student by United States mail, postage prepaid.

Section 68090 requires that "The Statute Law and the rules and regulations adopted by the Governing Board shall be made available to the students at each institution." The following are on file in the library: 2024-2025 Grossmont College Catalog and California Education Code, commencing with Section 68000.

V. Reclassification and Financial Independence

Students must request in person at the office of Admissions and Records for a change in classification from non-resident to resident status. Students should be prepared to provide appropriate written documentation.

Education Code Section 68044, as amended by Chapter 102 of the 1981 statutes, requires that the financial independence of a non-resident student seeking reclassification as a resident be included in the factors to be considered in the determination of residence.

VI. Non-Resident Tuition

A student classified as a "non-resident" will be required, except as otherwise provided in this Chapter, to pay, in addition to other fees required by the institution, non-resident tuition. Non-resident tuition must be paid at the time of registration. Students may be dropped from classes for non-payment of fees prior to the start of each semester.

VII. International Students

The procedures for paying tuition fees for a non-resident student who is a citizen and resident of a foreign country shall be the same as for non-resident students. An International Student cannot establish California residency as long as they are on a non-immigrant (F, M, J, B) visa.

Grossmont College is a part of the California Community College system and requires enrollment and health fees for all students payable at the time of registration. **Students may be dropped from classes for non-payment of fees prior to the start of each semester.** The California College Promise Grant (formerly known as the Board of Governors Fee Waiver) provides methods to assist low-income students to pay the enrollment and health fees. Eligibility requirements are available in the Financial Aid Office or at https://www.grossmont.edu/financial-aid/grants/california-college-promise-grant.php.

Fees

A **parking fee** will be charged to all students using the parking facilities.

Students are required to purchase their own **textbooks and supplies** and may be required to pay for equipment which is lost or broken after it has been issued. All students are encouraged to support the student activity program through the purchase of a Student Benefit Card.

It may become necessary to levy additional fees in order to defray costs above and beyond those associated with instruction.

Other Costs

For other education related expenses, please visit https://www.grossmont.edu/financial-aid/financial-aid-status/budgeting-and-awarding-procedures-for-financial-aid.php.

Health Fee

The Health Services Office provides services to all enrolled students who have paid the health fee or have received a financially determined waiver for the health fee.

The mandatory health fee provides accident insurance for the protection of any student who may experience an injury while participating in a college sponsored credit or non-credit class, or other activity. The sponsored class or activity must be during a directly supervised, on-campus or school-related activity. The supervision of the sponsored class or activity must be by a member of the college staff at a college approved co-curricular activity or event. Student insurance is secondary to any individual insurance. Information and referrals for care can be obtained in the Health and Wellness Center, Building 60 – Room 130 (Inside Griffin Center) or by calling 619-644-7192 or the Health and Wellness website: https://www.grossmont.edu/health-wellness (https://www.grossmont.edu/health-wellness/)

Note: *Students who depend exclusively upon prayer for healing according to the teaching of a bona fide religious sect, denomination or organization may*

petition for an exemption from the health fee by submitting a written request to the Office of Student Affairs. Waiver forms may be obtained in Admissions and Records or the Student Affairs office. Requests for exemptions will be reviewed by the Dean of Admissions and Records and Financial Aid and the Dean of Student Affairs.

Fee	Amount
Enrollment Fee (Mandatory)	$46 per unit (fees are subject to change)
Parking Permits:	
Auto Parking Permit - Fall & Spring	$40
Auto Parking Permit - Summer	$18
Motorcycle Parking Permit - Fall & Spring	$20
Motorcycle Parking Permit - Summer	$10
One Day Permit	$2
Student Benefit Sticker- Fall & Spring	$12
Student Benefit Sticker - Summer	$6
Health Fee (Mandatory) - Fall & Spring	$22
Health Fee (Mandatory) - Summer & Intersession	$17
Student Representation Fee (Optional)	$2
Nonresident Students - above fees plus	$356 per unit
International Students - above fees plus	$356 per unit

First-Year Services and Retention

Student Rights and Responsibilities

Per state legislation (AB 705/1805), all students have the right to bypass remedial coursework and register directly into transfer-level English and Math. Standardized assessment tests are no longer used to place students into English and math coursework. Instead, students who plan to enroll in an English or math class or who plan to enter a degree, certificate, or transfer program are encouraged to fill out a self-guided placement questionnaire based on their high school academic record (such as coursework, grades, and/or GPA). In addition, colleges shall use evidence-based multiple measures for placing students into English as a Second Language (ESL) courses.

To access the self-guided questionnaire, follow https://selfservice.gcccd.edu/Student/ on Self-Service. Students who have completed an English and math class at another college may receive placement by submitting an Online Placement/Prerequisite Clearance Form that can be found here: https://www.grossmont.edu/admissions/placement-prerequisite-clearance-form.php.

Access and success require a commitment on the part of the college to provide the following:

- Outreach Services
- An admissions process
- Orientation to college programs, services, facilities, academic expectations, and college policies and procedures
- Introduction to Career Exploration
- Placement/Assessment (including Math, English, and ESL) in preparation for college work
- Counseling/advisement and assistance with course selection
- Educational Planning
- Information on student academic progress
- Assistance to Probation/Dismissal students

All students are encouraged to be familiar with and participate in this process.

Admission: High School Students

Qualified high school students may be admitted for concurrent enrollment at Grossmont College in college transfer or technical courses not offered at the high school level upon approval of a high school counselor and parents or guardian of the student. High school students admitted in this category are subject to the usual college regulations regarding attendance and scholarship. Courses attempted and units earned will be recorded on a college transcript and may be used toward meeting graduation requirements from Grossmont College. High school students are not eligible to receive Title IV Federal Financial Aid.

Types of Dual Enrollment

1. Non-CCCAP Enrollment

Grossmont College offers opportunities for students to enroll in courses while in high school. However, permission from the high school administrator and parental approval must be obtained prior to filing an application for admission.

2. California College and Career Access Pathways (CCCAP)

Grossmont College has partnered with local high school districts to expand equitable access to educational opportunities for high school students. Courses are offered on the high school campus during the regular school day and are primarily taught by high school instructors who meet the minimum qualifications to teach at Grossmont. Courses offered vary by high school.

Students interested in taking dual enrollment courses (college courses while in high school) should contact their high school counselor for information on participation.

Eligibility of Students

To be eligible for concurrent enrollment, students:

1. Must be currently enrolled in high school.
2. Must be determined by the high school principal (or designee) to have the ability to benefit from "advanced scholastic or vocational work."
3. For any high school students under eighteen years of age, written parental approval is required before filing a college application for admission.

Prospective students who do not meet all these criteria will not be accepted for college admission. An appeal process is available through the Admissions and Records Office at Grossmont College.

Policies Regarding Dual Enrollment

- High school students will be held to the same academic and conduct standards as any other college student enrolled in the class. Access to specific courses may be limited by space availability and/or course prerequisites. (See college catalog (https://www.grossmont.edu/academics/catalog/) and class schedule (https://www.grossmont.edu/academics/schedule/) for specific information.)

- High school students will attend high school for at least the minimum high school day.
- High School/College Credit (HS/CC) students may enroll for either day or extended day courses but are limited to 11 units per term. State law places a limit on the number of HS/CC students who may enroll in Exercise Science classes.
- All classes taken with Grossmont College are for college credit. Enrollment in the HS/CC program will establish a permanent college record. Courses taken for college credit may be used to meet high school graduation requirements; however, this determination is made solely by the high school district.
- High school students will need to provide transportation to and from the college, purchase a parking permit (if needed), and the required books and supplies for the college course(s).

Procedures
Students should begin the process for concurrent enrollment at least one month before the semester or session of attendance. To enroll concurrently at the college, follow these procedures:

1. Meet with your high school counselor or designer to:
   - Develop an educational program plan relating to the instructional program at the college, and
   - Select appropriate courses after the required prerequisites have been met.
   - Complete the High School/College Credit Enrollment Authorization form, which is available online, at the college Admissions and Records Office, or the high school counselor's office.
2. Obtain your parents' or guardians' signature on the High School/College Credit Enrollment Authorization form.
3. Create an application account and complete the Grossmont College Admissions Application.
4. Present the High School/College Credit Enrollment Authorization forms to the Admissions and Records Office at Grossmont College. Email your high school dual enrollment form to Grossmont.Dual@gcccd.edu or bring it in person to Building #10, Admissions and Records office, 8800 Grossmont College Dr., El Cajon, CA 92020 or Fax it to 619-644-7933

Fees
- Enrollment fees are waived for California resident HS/CC students. HS/CC students are responsible for paying other fees, including the Health Fee, Student Representation Fee, and Non-Resident tuition, if applicable.
- Student Benefit Cards are optional for all students.
- High School students who are classified as non-resident might qualify for AB2364 residency waiver.
- California residents may be eligible for a fee waiver, but Federal financial aid is not available to high school students. (See the class schedule for specific information.)

Class Attendance
You must be present for the first class meeting or the instructor may drop you. In addition, the instructor may drop you for excessive absences. However, it is always the student's responsibility to drop the course before the published deadline date if you no longer plan to attend.

Additional Information
- If you wish to continue your concurrent enrollment into the next college semester, you must complete a new High School/College Credit Enrollment Authorization form. A new application for admission is not required unless missing two main semesters consecutively.
- Courses taken for college credit may be used to meet high school graduation requirements. An official college transcript should be requested by the student and sent to the high school for graduation evaluation.
- Spring semester classes typically end in early June; therefore, grades may not be available until mid-June. Please consider this fact when making plans for high school graduation.

After high school graduation: If you have been enrolled in the HS/CC program, you are eligible to continue your enrollment at Grossmont College. Please notify the Admissions and Records Office of your graduation so that your records can be updated. Please complete the High School Change of Status form and email to grossmont.admissions@gcccd.edu with proof of graduation.

Admission: Cardiovascular Technology Program (CVTE)

For the most updated and detailed information on the Cardiovascular Technology program and the application process, please visit the website at https://www.grossmont.edu/cvt (https://www.grossmont.edu/cvt/).

All Allied Health and Nursing students adhere to the graduation requirements outlined in the college catalog for the academic year in which they enter the program. For information about General Education requirements or to develop an educational plan, contact the Grossmont College Counseling Department (https://www.grossmont.edu/student-support/counseling/) at: 619-644-7208 for an appointment with a Counselor or to find out more about walk-in services.

The Cardiovascular Technology Program admits a limited number of students every fall semester. To be eligible to apply for the program, the following must be completed:

1. **High School graduation,** equivalency, or a higher degree.
2. **Required immunizations.**
   - MMR (Measles, Mumps and Rubella)
   - Tdap (Tetanus, diphtheria, acellular pertussis)
   - Hep B (Hepatitis B 3 shot series with an immunity confirmation titer)
   - Varicella (Chickenpox)
   - COVID-19
   - Flu Vaccine

1. **Completion of Anatomy, Physiology and Chemistry.** All courses to be completed with a grade of "C" or higher and must include a lab. Courses taken for the CVT major must be taken at a regionally accredited institution.
   1. Anatomy and Physiology (BIO-140 Human Anatomy, BIO-141 Human Physiology and BIO-141L Laboratory in Human Physiology or BIO-144 Anatomy and Physiology I and BIO-145 Anatomy and Physiology II).
   2. Fundamentals of Chemistry (CHEM-115 Fundamentals of Chemistry)
      1. Science recency requirement- Anatomy, Physiology and Chemistry must be completed within 7 years of the application date.
      2. If taking the science prerequisites as a series (offered as part I and part II), applicants are strongly encouraged to complete

the entire series at the college in which they started part I. This enables the student to maintain continuity with course content.

Prospective students may submit a completed application packet throughout the year once prerequisites and required immunizations are complete. Documentation for all criteria being requested and official transcripts of all science prerequisites must be submitted with the application. If courses were taken at Grossmont or Cuyamaca College, transcripts do not have to be included. Do not send transcripts electronically or by postal mail, they cannot be accepted.

Please refer to the website for updated information on submitting an application. Applications must be submitted electronically using the online portal.

The program application link can be found on the website. Additional requirements will be needed when accepting an invitation to the program, specific information will be provided to the student on acceptance. It is strongly recommended that students complete their General Education requirements prior to being accepted in the program.

Important: Students accepted to the Cardiovascular Technology Program are required to undergo a background check and urine drug screening test prior to starting the program and being placed at any clinical site. Students are responsible for a minimum cost for these procedures. Failure to pass either or both of these procedures, or any prior convictions of a misdemeanor or felony may interfere with acceptance to the program, clinical placement, eligibility for the registry exam, or securing employment. The CVT Program cannot advise students on individual background checks or drug screens. Applicants are urged to visit the Cardiovascular Credentialing International (CCI) website at https://cci-online.org/ and the American Registry of Diagnostic Medical Sonographers (ARDMS) at https://www.ardms.org/.

A small fee to Complio is required yearly. Complio is a student compliance document tracking system that works with our program and clinical sites for student placement during the 2 year program. A one-time fee for a centralized clinical recordkeeping system for allied health programs is required once clinical assignment courses begin. The program has written arrangements in place with clinical agencies that provide part of the required program.

Students currently on probation or in default of any Health Professions student loan will not be eligible to attend any of the Allied Health and Nursing programs.

Admission: ECG/Telemetry (CVTE) Program

For the most updated and detailed information on the ECG/Telemetry Program and the application process, please visit the website at https://www.grossmont.edu/academics/programs/health-professions/telemetry-ecg-technician/index.php (https://www.grossmont.edu/academics/programs/health-professions/telemetry-ecg-technician/).

All Allied Health and Nursing students adhere to the graduation requirements outlined in the college catalog for the academic year in which they enter the program. For information about General Education requirements or to develop an educational plan, contact the Grossmont College Counseling Department (https://www.grossmont.edu/student-support/counseling/) at: 619-644-7208 for an appointment with a Counselor or to find out more about walk-in services.

The ECG/Telemetry Programs admit a limited number of students every fall semester for the two-semester program. To be eligible to apply for the program, the following must be completed:

1. **High School graduation,** equivalency, or a higher degree.
2. **Required immunizations**.
    - MMR (Measles, Mumps and Rubella)
    - Tdap (Tetanus, diphtheria, accelular pertussis)
    - Hep B (Hepatitis B 3 shot series with an immunity confirmation titer)
    - Varicella (Chickenpox)
    - COVID-19
    - Flu Vaccine

1. **Completion of Principles of Biology**. Biology to be completed with a grade of "C" or higher and must include a lab. Courses taken for the ECG/Telemetry Program must be taken at a regionally accredited institution.
    1. Principles of Biology (BIO-120 Principles of Biology)
        - Science recency requirement- Biology must be completed within 7 years of the application date.

Prospective students may submit a completed application packet throughout the year once the prerequisite and required immunizations are complete. Documentation for all criteria being requested and an official transcript for the science prerequisite must be submitted with the application. If the course was taken at Grossmont or Cuyamaca College, a transcript does not have to be included. Do not send a transcript electronically or by postal mail, it cannot be accepted.

Please refer to the website for updated information on submitting an application. Applications must be submitted electronically using the online portal.

The program application link can be found on the website. Additional requirements will be needed when accepting an invitation to the program, specific information will be provided to the student on acceptance. It is strongly recommended that students complete their General Education requirements prior to being accepted in the program.

Important: Students accepted to the ECG/Telemetry Programs are required to undergo a background check and urine drug screening test prior to starting the program and being placed at any clinical site. Students are responsible for a minimum cost for these procedures. Failure to pass either or both of these procedures, or any prior convictions of a misdemeanor or felony may interfere with acceptance to the program, clinical placement, eligibility for national certification, or securing employment. The ECG/Telemetry Programs cannot advise students on individual background checks or drug screens. Applicants are urged to visit the Cardiovascular Credentialing International (CCI) website at https://cci-online.org/.

A small fee to Complio is required. Complio is a student compliance document tracking system that works with our programs and clinical sites for student placement during the one year program. The program has written arrangements in place with clinical agencies that provide part of the required program. The program has written arrangements in place with clinical agencies that provide part of the required program.

Students currently on probation or in default of any Health Professions student loan will not be eligible to attend any of the Allied Health and Nursing programs.

Admission: Associate Degree Nursing (NURS) Programs

For the most updated and detailed information on the Nursing program and the application process, please visit the website at https://www.grossmont.edu/nursing (https://www.grossmont.edu/nursing/).

All Allied Health and Nursing students adhere to the graduation requirements outlined in the college catalog for the academic year in which they enter the program. For information about General Education requirements or to develop an educational plan, contact the Grossmont College Counseling Department at: 619-644-7208 for an appointment with a Counselor or to find out more about walk-in services.

The Nursing Program admits a limited number of students every fall and spring semester using an online application. To be eligible to apply for the program, the following must be completed:

1. **High School graduation**, equivalency, or a higher degree.
2. **Completion of Anatomy, Physiology and Microbiology**.
   All courses to be completed with a lab. Each course grade must be "C" or higher with a minimum combined GPA of 2.5 or higher. Courses taken for the Nursing major must be taken at a regionally accredited institution.
   1. Anatomy and Physiology (BIO-140 Human Anatomy, BIO-141 Human Physiology and BIO-141L Laboratory in Human Physiology or BIO-144 Anatomy and Physiology I and BIO-145 Anatomy and Physiology II).
   2. Microbiology (BIO-152 Paramedical Microbiology).
      - No more than one science prerequisite course may be repeated within 5 years of applying.
      - Online science labs are not permitted. Labs must be taken in a classroom setting for all science prerequisite courses.
      - Science recency requirement- Anatomy must be completed within 10 years, Physiology and Microbiology within 7 years, of the application date. Recency is determined from the date of the last science course taken. Repeating Physiology may meet the recency requirement if all 3 science courses have expired. Contact the Nursing Program office to discuss course repetition prior to enrolling in another science course.
      - If taking the science prerequisites as a series (offered as part I and part II), applicants are strongly encouraged to complete the entire series at the college in which they started part I. This enables the student to maintain continuity with course content.
      - Principles of Biology (BIO-120 Principles of Biology) is a prerequisite to the required science courses listed above. The equivalent to BIO-120 Principles of Biology may be met with 1 year of high school biology including a lab for nursing majors only. Please see the program website for more information.
3. **Successful completion of the ATI- TEAS**, the Test of Essential Academic Skills exam. This is a pre-entrance exam that covers basic Math, Reading, English and Science. All applicants must pass the most recent version in order to apply to the program; no previous versions are accepted. Students may prepare for this exam by going to the ATI testing website at https://www.atitesting.com/. TEAS study guides and online practice exams are available for purchase through the website. Applicants are strongly advised to visit the Nursing Program website **prior to** taking the exam for all TEAS policies, procedures and detailed information on remediation and repeating the exam at https://www.grossmont.edu/academics/programs/nursing/students/future/apply.php.
4. **The Nursing major "fixed set" general education courses** are to be completed prior to application. If all or any of the courses are incomplete, points are not awarded for GE relevant coursework. "The fixed set" includes: COMM-120 Interpersonal Communication or COMM-C1000 Introduction to Public Speaking; ENGL-C1000 Academic Reading and Writing or ENGL-C1001 Critical Thinking and Writing, or ESL-122 College Rhetoric; PSYC-C1000 Introduction to Psychology or PSY-150 Developmental Psychology; SOC-114 Introduction to Race & Ethnicity or SOC-120 Introductory Sociology; and MATH-120 Quantitative Reasoning or higher (Statistics is required for BSN transfer). Courses must be completed with no grade less than a "C." and have a cumulative GPA of 2.5 for these "fixed set" courses.

Prospective students may submit an online application to the nursing program during the application periods. The program application and accompanying forms can be found on the website. Please refer to the website for updated information on submitting an application.

The Grossmont College Nursing Program does not accept applications from students who have been unsuccessful in a previous nursing program. Applicants must be in good standing with the program in which you left with no indication of a failing grade or withdraw in any nursing course.

Once provisionally accepted, the following immunizations and/or tests will be required to be complete at least 4 weeks prior to program start. Completion of: TB test using an IGRA blood test, HepB series or a positive immunity test, Tdap, MMR series or a positive immunity test for all, Varicella series or a positive immunity test, annual flu vaccine, and a Covid booster. No declinations for flu or Covid booster can be accepted at this time.

Important: Students provisionally accepted to the Nursing Program are required to undergo a background check and urine drug screening test prior to starting the program and being placed at any clinical site. Students are responsible for a minimum cost for these procedures. Failure to pass either or both of these procedures, or any prior convictions of a misdemeanor or felony may interfere with acceptance to the program, clinical placement, eligibility for state licensure or securing employment. The Nursing Program cannot advise students on individual background checks or drug screens. Applicants are urged to visit the California Board of Registered Nursing at https://www.rn.ca.gov for more information.

A small fee to Complio is required yearly. Complio is a student compliance document tracking system that works with our program and clinical sites for student placement during the 2 year program. The program has written arrangements in place with clinical agencies that provide part of the required program.

Students currently on probation or in default of any Health Professions student loan will not be eligible to attend any of the Allied Health and Nursing programs.

California Licensed Vocational Nurses are eligible to apply for LVN-RN Bridge every spring using the same criteria as stated above. LVNs also have a 30-unit option. LVNs seeking a 30-unit option must contact the nursing office for explanation of the required course content and the advantages and limitations of the 30-unit option.

Admission: Occupational Therapy Assistant (OTA) Program

For the most updated and detailed information on the Occupational Therapy Assistant program and the application process, please visit the website at https://www.grossmont.edu/ota (https://www.grossmont.edu/ota/).

All Allied Health and Nursing students adhere to the graduation requirements outlined in the college catalog for the academic year in which they enter the program. For information about General Education requirements or to develop an educational plan, contact the Grossmont College Counseling Department (https://www.grossmont.edu/student-support/counseling/) at: 619-644-7208 for an appointment with a Counselor or to find out more about walk-in services.

The Occupational Therapy Assistant Program admits a limited number of students every summer semester. To be eligible to apply for the program, the following must be completed:

1. **High School graduation,** equivalency, or a higher degree.
2. **Required immunizations.**
   - MMR (Measles, Mumps and Rubella)
   - Tdap (Tetanus, diphtheria, accelular pertussis)
   - Hep B (Hepatitis B 3 shot series with an immunity confirmation titer)
   - Varicella (Chickenpox)
   - COVID-19
   - Flu Vaccine

   All immunization requirements have specific conditions and requirements. Please refer to the program website for more information.

1. **Completion of Prerequisite Courses.** Students must have completed the following courses with a letter grade of "C or higher". Courses must have been completed prior to applying to the OTA program. Courses taken for the OTA major must be taken at a regionally accredited institution.
   1. Anatomy and Physiology (BIO-140 Human Anatomy, BIO-141 Human Physiology or BIO-144 Anatomy and Physiology I and BIO-145 Anatomy and Physiology II).
      - All courses must be completed with a letter grade of “C” or higher and must include a lab. Physiology (BIO-141 Human Physiology) does not require a separate lab course.
      - Science recency requirement- Anatomy or Anatomy and Physiology II must be completed within 10 years of the application date.
      - If taking the science prerequisites as a series (offered as part I and part II), applicants are strongly encouraged to complete the entire series at the college in which they started part I. This enables the student to maintain continuity with course content.
   2. Human Development/Conditions - Students must complete one of the following courses (PSYC-1000 Introductory Psychology, or FS-120 Human Development, or CD-125 Child Growth and Development, or CD 131-Child, Family, and Community, or ETHN-125 Cross Cultural Psychology, or PSY-125 Cross Cultural Psychology).
      - All courses must be completed with a letter grade of “C” or higher.
      - Human development/conditions recency requirement- The course meeting this requirement must be completed within 10 years of the application date.

Prospective students may submit a completed application packet throughout the year once prerequisites and required immunizations are complete. Requested documentation for all criteria being requested and official transcripts of all science prerequisites and any general education courses completed for the major must be available to submit. Do not send transcripts electronically or by postal mail to the OTA program, they cannot be accepted. You must also apply to Grossmont College and send 1 set of transcripts for all colleges attended to Admissions and Records when applying to the OTA Program.

Please refer to the website for updated information on submitting an application. Applications must be submitted electronically using the online portal.

The program application link can be found on the website. Additional requirements will be needed when accepting an invitation to the program, specific information will be provided to the student on acceptance. It is strongly recommended that students complete their General Education requirements prior to being accepted in the program.

Important: Students accepted to the OTA Program are required to undergo a total of 2 background checks and urine drug screening tests. Once prior to starting the program and being placed at any clinical site and again during the 2nd year of the program. Students are responsible for a minimum cost for these procedures. Failure to pass either or both of these procedures, or any prior convictions of a misdemeanor or felony may interfere with acceptance to the program, clinical placement, NBCOT testing, eligibility for state licensure or securing employment. The OTA Program cannot advise students on individual background checks or drug screens. Applicants are urged to visit the Occupational Therapy Board of California website at https://www.bot.ca.gov/applicants/, or call 916-263-2294 and the National Board for Certification in Occupational Therapy at https://www.nbcot.org/login (https://www.nbcot.org/login/) or 301-990-7979 for more information.

A fee to Complio is required yearly. Complio is a student compliance document tracking system that works with our program and clinical sites for student placement during the 2 year program. The program has written arrangements in place with clinical agencies that provide part of the required program.

Students currently on probation or in default of any Health Professions student loan will not be eligible to attend any of the Allied Health and Nursing programs.

Admission: Orthopedic Technology (OT) Program

For the most updated and detailed information on the Orthopedic Technology program and the application process, please visit the website at https://www.grossmont.edu/orthotech (https://www.grossmont.edu/orthotech/).

All Allied Health and Nursing students adhere to the graduation requirements outlined in the college catalog for the academic year in which they enter the program. For information about General Education requirements or to develop an educational plan, contact the Grossmont College Counseling Department at: 619-644-7208 for an appointment with a Counselor or to find out more about walk-in services.

The Orthopedic Technology Program admits a limited number of students every fall semester. To be eligible to apply for the program, the following must be completed:

1. **High School graduation,** equivalency, or a higher degree.
2. **Required immunizations:**

    - MMR (Measles, Mumps and Rubella)
    - Tdap (Tetanus, diphtheria, accelular pertussis)
    - Hep B (Hepatitis B)
    - Varicella (Chickenpox)
    - COVID-19
    - Flu Vaccine

All have specific requirements, refer to the program website for detailed information.

1. **Completion of Anatomy or Anatomy & Physiology I**
   The course is to be completed with a grade of "C" or higher and must include a lab. Courses taken for the OT major must be taken at a regionally accredited institution.
    1. Anatomy or Anatomy & Physiology I (BIO-140 Human Anatomy or BIO-144 Anatomy and Physiology I).
        - Science recency requirement- Anatomy or Anatomy & Physiology I must be completed within 10 years of the application date.

Prospective students may submit a completed application packet throughout the year once the prerequisite and required immunizations are complete. Documentation for all criteria being requested and an official transcript of the science prerequisite must be submitted with the application. If courses were taken at Grossmont or Cuyamaca College, a transcript does not have to be included. Do not send transcripts electronically or by postal mail, they cannot be accepted.

Please refer to the website for updated information on submitting an application.

Applications must be submitted in person if you reside in San Diego County. For those prospective students living outside of San Diego County, application packets can be mailed.

The program application and accompanying forms can be found on the website. Additional requirements will be needed when accepting an invitation to the program, specific information will be provided to the student on acceptance. It is strongly recommended that students complete their General Education requirements prior to being accepted in the program.

Important: Students accepted to the Orthopedic Technology Program are required to undergo a background check and urine drug screening test prior to starting the program and being placed at any clinical site. Students are responsible for a minimum cost for these procedures. Failure to pass either or both of these procedures, or any prior convictions of a misdemeanor or felony may interfere with acceptance to the program, clinical placement, eligibility for the certification exam, or securing employment. The OT Program cannot advise students on individual background checks or drug screens. Applicants are urged to visit the National Board for Certification of Orthopaedic Technologists, Inc. (NBCOT) website at https://www.nbcot.net/.

A small fee to Complio is required yearly. Complio is a student compliance document tracking system that works with our program and clinical sites for student placement during the 1 year program. The program has written arrangements in place with clinical agencies that provide part of the required program.

Students currently on probation or in default of any Health Professions student loan will not be eligible to attend any of the Allied Health and Nursing programs.

Admission: Respiratory Therapy (RESP) Program

For the most updated and detailed information on the Respiratory Therapy program and the application process, please visit the website at Associate of Science Degree in Respiratory Therapy (https://www.grossmont.edu/academics/programs/health-professions/respiratory-therapy/)

All Allied Health and Nursing students adhere to the graduation requirements outlined in the college catalog for the academic year in which they enter the program. For information about General Education requirements or to develop an educational plan, contact the Grossmont College Counseling Department (https://www.grossmont.edu/student-support/counseling/) at: 619-644-7208 for an appointment with a Counselor or to find out more about walk-in services.

The Respiratory Therapy Program admits a limited number of students every fall semester. To be eligible to apply for the program, the following must be completed:

1. **High School graduation,** equivalency, or a higher degree.
2. **Required immunizations. Proof of the following completed immunizations:**

    - MMR (Measles, Mumps and Rubella)
    - Tdap (Tetanus, diphtheria, accelular pertussis)
    - Hep B (Hepatitis B)
    - Varicella (Chickenpox)
    - COVID-19
    - Flu Vaccine

All have specific requirements, refer to the RT program website (https://www.grossmont.edu/academics/programs/health-professions/respiratory-therapy/) for detailed information.

1. **Completion of Anatomy, Physiology, and Microbiology.** All courses to be completed with a grade of "C" or higher and must include a lab. Courses taken for the RT major must be taken at a regionally accredited institution.
    1. Anatomy and Physiology (BIO-140 Human Anatomy with lab, and BIO-141 Human Physiology and BIO-141L Laboratory in Human Physiology OR BIO-144 Anatomy and Physiology I with lab and BIO-145 Anatomy and Physiology II with lab).
    2. Microbiology (BIO-152 Paramedical Microbiology with lab)

Science recency requirement- Anatomy, Physiology, and Microbiology must be completed within 7 years of the application date.

If taking the anatomy and physiology science prerequisites as a series (offered as part I and part II), applicants are strongly encouraged to complete the entire series at the college in which they started part I. This enables the student to maintain continuity with course content.

Program applications are accepted year-round and in a separate process from an application to Grossmont College. Prospective students may submit a completed application packet throughout the year once

prerequisites and required immunizations are complete. Additional requirements will be needed when accepting an invitation to the program. Specific information will be provided to the student upon provisional acceptance. Provisional acceptance to the RT Program will be granted until documentation for all criteria being requested are submitted and the college has received official transcripts of all science prerequisite courses. Please refer to the RT program website for updated information on submitting an application. It is strongly recommended that students complete their General Education requirements prior to being accepted in the program.

Important: Students accepted to the RT Program are required to undergo a total of 2 background checks and urine drug screening tests. Once prior to starting the program and being placed at any clinical site and again prior to starting the 2nd year of the program. Students are responsible for a minimum cost for these procedures. Failure to pass either or both of these procedures, or any prior convictions of a misdemeanor or felony may interfere with acceptance to the program, clinical placement, eligibility for state licensure or securing employment. The RT Program cannot advise students on individual background checks or drug screens. Applicants are urged to visit the Respiratory Care Board of California at https://www.rcb.ca.gov/ for more information.

A fee to Complio is required upon provisional acceptance to the RT Program and yearly. Complio is a student compliance tracking system through which clinical sites verify student compliance of clinical requirements. The program has written arrangements in place with clinical agencies that provide part of the required program.

Students currently on probation or in default of any Health Professions student loan will not be eligible to attend any of the Allied Health and Nursing programs.

Refund Schedule

Refunds will be made in the following categories only:

Tuition and Fees

1. **Erroneous Determination of Non-resident Status.**
   If a student is erroneously determined to be a non-resident and, consequently, a tuition fee is paid, the non-resident fees will be reduced to in-state fees and a refund may be issued for the difference, provided acceptable proof of state residence is presented within the period for which the fee was paid. These refunds shall be made only upon authorization of the Dean of Admission and Records and Financial Aid and/or the Vice President of Student Services.
2. **Compulsory Military Service Requiring Withdrawal.** (Refer to Dropping Courses in Academic Policies (p. 45).)
3. **Withdrawal from College or Reduction of Program.**
   The refund schedule for international student tuition, non-resident tuition, enrollment fees, health services fees, usage/breakage fees, parking fees and student benefit card fees is as follows:
   - Full semester courses:
     - 100% refund through first two weeks of instruction
     - 0% refund after second week of instruction
   - 8 week courses:
     - 100% refund through first week of instruction
     - 0% refund after first week of instruction
   - Other short-term classes:
     - Contact the Cashier's Office or Admission and Records for dates.

Textbooks

1. **Refunds - New and Used Texts**
   The refund period is posted in the Bookstore and always continues through the first week of classes. Students may refund textbooks with official evidence showing that he/she has dropped the class during the first 30 days of regular semester classes. Refunded books must be in original purchase condition. To obtain a refund for a text, the student must present, along with the book to be refunded, a correct cash register receipt reflecting the item purchased.
2. **Buyback - New and Used Texts**
   Books can be sold back to the Bookstore for cash at the end of every semester during finals week only. Books **may** be worth up to 50 percent of the purchase price if they are being used the following semester. Certain books have little or no value. A change in title is determined by the instructor. A change in edition is determined by the publisher. Cash register receipts are not needed for buyback. The Bookstore cannot guarantee the buyback of any book at any time.
3. **Open Educational Resources**
   Many instructors are now using Open Educational Resources (OER) for a course textbook. OER have been released under an open license and online versions are free to use. Optional print versions require a nominal fee for printing. Check with your instructor and the bookstore if an OER is available to purchase in print form. Classes that have no book/textbook costs are labeled as "ZTC" in the class schedule.

Transcripts

Each student who has an academic record on file at Grossmont College and who is not in arrears to the district with regard to fees, tuition, loans or other charges, may request transcripts. Two transcripts are provided without charge; additional copies and immediate or rush transcripts may be obtained for a fee. For more information regarding transcripts, please visit: https://www.grossmont.edu/admissions/transcripts (https://www.grossmont.edu/admissions/transcripts/)

Transfer Credit

Evaluation of U.S. Transcripts

Courses taken at a regionally accredited college or university and designated as appropriate for general education, associate degree, baccalaureate or graduate credit by that institution will be accepted by Grossmont College for credit. The extent to which courses taken at other colleges satisfy specific certificate and degree requirements is determined by a review of comparability to courses in the Grossmont College curriculum. Courses completed at institutions without regional accreditation are not accepted.

Evaluation of Foreign Transcripts

Transcripts (educational credentials) issued in foreign countries from non-American system institutions and those in languages other than English require special handling. Each foreign transcript must be translated into English and submitted to an approved agency.

Grossmont College accepts the evaluation of foreign transcripts from only those agencies that are current members of NACES (National Association of Credential Evaluations Services). For a current list of agencies visit: https://www.naces.org/.

Students will need to contact the evaluation credential company they select for their particular foreign transcript evaluation procedure and costs associated with a request. Once completed, have the detailed

evaluation report mailed to the Evaluations Office, Grossmont College, 8800 Grossmont College Drive, El Cajon, CA. 92020.

Grossmont College's Procedure for the Evaluation of Foreign Transcripts

1. Students must submit to Admissions and Records a **detailed evaluation report** from NACES member agency with subject breakdowns and grades. The official evaluation credential report must be received by Grossmont College in a sealed envelope. Unofficial credential evaluation reports will not be accepted.
2. The official report will be reviewed by the Grossmont College Evaluations Office regarding the possible clearing of general education courses for graduation.
3. **English** and **Communication** courses on any evaluation report will be awarded elective credit only.
4. Courses will only be used to satisfy major requirements with the approval of the department on a "Modification of Major" form.
5. International coursework is not considered transferable. Check with transfer institution.
6. In some instances, additional documentation such as the course syllabus or detailed course description may be needed before an evaluation of foreign course work can be completed.
7. Official transcripts from foreign institutions are not required by Grossmont College.
8. Foreign coursework is not used to clear prerequisites. See specific department for exceptions.

Verifications of Enrollment

Each student who has an academic record on file at Grossmont College and who is not in arrears to the district with regard to fees, tuition, loans or other charges may request verification of enrollment (commonly used to verify enrollment for insurance purposes, scholarships, student worker eligibility, etc.) Verification of enrollment may be obtained at three dollars ($3) per copy. Exception: this charge will not be assessed for student loan deferments. A rush verification of enrollment may be obtained for five dollars ($5) per copy. For more information regarding Verification of Enrollment, please visit: https://www.grossmont.edu/admissions/transcripts/verification.php.

Veterans

Grossmont College is an approved institution for the training of veterans under United States and California statutes. The Veterans Office on campus will provide information regarding service-connected benefit programs.

This office is designed to serve the needs of military affiliated students who qualify for education benefits. The student will receive assistance in filing for benefits, updating information on various forms, and in corresponding with the Veterans Administration, which includes advocacy in problem cases and related matters. The Veterans Office will assist veterans or veteran-related students who are actively pursuing academic goals in all aspects of student life through educational planning and in acquiring tutorial services.

Upon filing an application for admission to the college, a veteran should immediately contact the Veterans Office on campus. The military form DD-214 (member 4, service 2 or 7) and a Certificate of Eligibility (COE) from the VA must be presented to the Veterans Office within the first semester of attendance. Students who intend to use educational benefits must request official transcripts of all previous college work, including military transcripts of service (AART, CGIT, CCAF or JST), be sent to the Admissions and Records Office. All Official Transcripts must be received and evaluated before enrollment will be certified to Veterans Affairs for educational benefits. An official transcript is one that has been sent directly to Grossmont College from the issuing institution or one that is hand carried in a sealed envelope. Students not taking advantage of the GI Bill® benefits who wish to receive credit should also submit official transcripts.

"GI Bill®" is a registered trademark of the U.S. Department of Veterans Affairs (VA).

All prior course work will be evaluated to provide a complete academic history for students pursuing an associate's degree, transfer to a 4-year institution, or a certificate of achievement. Students will not be paid to take courses that are equivalent to successfully completed coursework from another institution or for courses that fulfill a general education, major or elective area for graduation or transfer that has already been fulfilled.

A veteran may not repeat a course and receive veterans' benefits where a "D" or "F" grade was received unless a grade of "C" is required for the degree or to clear a prerequisite.

A veteran receiving benefits is required by the Veterans Administration to maintain regular class attendance and satisfactory progress. Students should refer to sections of this catalog on General Education and Associate Degree Requirements. For transfer curriculum requirements, consult with a counselor.

If any veteran or dependent receiving VA educational benefits has been on academic or lack of progress probation for two consecutive semesters, Grossmont College will not certify the student's enrollment to the VA for payment of benefits until the cumulative GPA in the district has improved to a 2.00.

Title 38 Beneficiaries (VA Education Benefits)
Hold Preventing Drop for Non-Payment

Grossmont College will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement of a payment to be provided by the Secretary under chapter 31 or 33 of this title.

A "covered individual" is any individual who is entitled to educational assistance under Chapter 31 or Chapter 33 of this title.

A covered individual must complete the following to not have any of the above penalties imposed:

1. Submit a certificate of eligibility for entitlement to Veterans Services office no later than the first semester of attendance.
2. Submit a completed VA Intent form.
3. Provide all additional information needed for the Veterans office to certify covered individual's enrollment certification to Department of Veterans Affairs.

A change in program must be filed promptly in the Veterans Office. The load requirement for those receiving benefits is:

Fall/Spring Semester

Time	Units
Full-time	12
Three-fourths time	9-11.5
One-half time	6-8.5
1st 8 week	6[1]
2nd 8 week	6[1]

[1] Student considered full-time for VA purposes only.

Summer Session
Calculated on an individual class basis. Contact the Veterans Office on campus for detailed information.

Veterans should be aware that short-term classes and other flexible schedules may create change of training time affecting benefits. Check with the Veterans Office before registering for a course that does not begin on the first date of the semester and end on the last date of the semester. Please note that not all work experience courses qualify for veteran benefits. Contact the Veterans Office for additional information.

Options for Military Service Personnel to Fulfill Area 7 "Lifelong Learning, Wellness, and Exercise Science" for Graduation with an Associate's Degree

Military service personnel may meet the requirement in one of the following ways:

1. Take one course from 7A, Lifelong Learning and Wellness and one course from 7B, Dance and Exercise Science (this is the current requirement for all students).
   or
2. Take one course from 7A, Lifelong Learning and Wellness, and to clear the 7B, Dance and Exercise Science a student must:
   1. Provide a DD 214 (member 4, service 2 or 7) document or NOBE (Notice of Basic Eligibility for Reservists) showing Honorable Discharge or military transcripts to the Grossmont College Admissions and Records Office. **or**
   2. Provide written proof to the Department Chair of Exercise Science and Wellness of having completed a formal "health promotions" type program while in the military, such as "Semper Fit" or other formalized programs that teach about health principles and monitor exercise participation. (Basic training does not meet these criteria.)

Please note: This option is for military service personnel only and does not apply to their dependents or to the general student population.

The children and spouses of U.S. veterans with service-connected disabilities, or veterans children and spouses of U.S. veterans who have died in service or from service-connected disabilities may be eligible for waiver of College fees. The student must submit the VA letter of eligibility to the Financial Aid Office.

Absence Due to Military Service

California Education Code 99130

Subject to applicable federal, state, and institutional refund and withdrawal policies, when a student is called to active military duty during an academic term, the student may choose one of the following options:

1. The student may withdraw from the institution, retroactively to the beginning of the academic term, with a full refund of tuition and fees.
2. If at least 75% of the academic term has been completed, the student may request that the faculty member assign a grade for the course based on the work the student has completed. The faculty member shall make the final decision as to whether to grant the student request.
3. If the faculty member assigns a grade of Incomplete for the student's course work, the student shall have a minimum of 4 weeks after returning to the institution to complete the course requirement.

Readmission Procedures

1. Any student whose absence from the institution is necessitated by reason of service in the uniformed services shall be entitled to readmission to the institution if:
   1. The cumulative length of absence does not exceed 5 years.
   2. No more than 3 years after the completion of the period of service has passed.
   3. No more than 2 years have passed since the end of the period that is necessary for recovery from illness or injury resulting from service.
2. At the end of Active-duty Service, upon request, the student shall be readmitted with the same academic level and academic program, if possible.

The Veterans Resource Center

The Veterans Resource Center (VRC), located in building 36-100, provides a central entry point for veterans and their families as they transition from the military into the Grossmont College community. Staffed by veterans, the overall goal is to deliver tangible tools and services to optimize students' academic success. Separate from the campus Veterans Affairs Office, the VRC fosters a collaborative delivery of student services between such offices as Accessibility Resource Center (A.R.C.), Counseling, the Assistive Technology Center, as well as other on- and off-campus agencies who provide services to veterans and their families. The VRC provides services in three primary areas: academics, camaraderie, and wellness. Specific services include the following:

- Access to computers and assistance in the use of assistive technologies, including specialized software for nontraditional learners
- Peer support, mentoring, counseling services
- Financial aid information and application assistance
- Referral to on- and off-campus resources (e.g., A.R.C., campus Veterans Affairs Office, community veterans agencies)

The children and spouses of U.S. veterans with service-connected disabilities, or veterans children and spouses of U.S. veterans who have died in service or from service-connected disabilities may be eligible for waiver of College fees. The student must submit the VA letter of eligibility to the Financial Aid Office.

For more information, contact the Veteran's Affairs Office at 619-644-7165.

Restorative Justice

Grossmont College supports currently and formerly incarcerated students through admissions assistance, registration, financial aid, academic counseling, and other services. To obtain guidance needed to achieve academic and career goals, formerly incarcerated

students may contact Yohany Corona-Batalona at (619) 644-7373 or Yohany.CoronaBatalon@gcccd.edu to schedule an appointment.

International Student Program

International students are encouraged to learn more detailed up-to-date information on the Grossmont College website at https://www.grossmont.edu/internationalstudents (https://www.grossmont.edu/internationalstudents/).

Admission

1. Applications for admission must be received by the following deadlines:
   Fall semester – June 1 - for applicants from home country.
   June 15 – for F1 Visa students transferring from institutions in the United States.
   Spring semester – October 15 - for applicants from home country.
   November 1 - for F1 Visa students transferring from institutions in the United States.
   All application documents must be received by these deadlines. Visit https://www.grossmont.edu/future-international-students (https://www.grossmont.edu/future-international-students/) for a list of admission requirements.
2. Proof of English proficiency must be submitted in order to be considered for admission. The minimum score is 45 internet-based TOEFL, or 4.5 IELTS, or 75 in Duolingo, PTE 39, and Eiken 2A. An institutional English assessment test is also available for students who are already in the U.S. Please visit https://www.grossmont.edu/student-support/international-student/students/future/requirements.php for other options. The test score must be completed by the application deadline. (See information on American Collegiate English in the General Information section of this catalog and visit https://www.grossmont.edu/ace (https://www.grossmont.edu/student-support/international-student/ace/).)

Full-Time Status

An international student must maintain a minimum of 12 degree applicable units with a 2.0 grade point average each semester while at Grossmont College.

Financial Resources

1. Each international student must submit a complete financial statement. The financial statement must indicate the ability of the student to finance the year's education and living expenses to the satisfaction of the office of Admissions and Records.
2. An international student attending Grossmont College must pay tuition and other fees as required by the Governing Board.
3. Federal and State financial aid is not available for international students, but you are encouraged to apply for scholarships.
4. An international student may not work off campus while attending college unless approval is granted by the Department of Homeland Security and the International Student Specialist in Admissions and Records.

Health

Grossmont College strongly recommends that international students obtain a health and accident insurance policy. The Health and Wellness Center has information on where to acquire such a policy.

Housing

No housing facilities are available on the college campus. A limited listing of available rentals can be obtained in the International Counseling Office and website at https://www.grossmont.edu/international (https://www.grossmont.edu/international/) or the International Student Handbook. The college assumes no responsibility for providing or supervising such housing facilities.

Grading Standards

International students are subject to all Grossmont College grading, probation, and disqualification standards.

Notification of Admission

Students will be notified of their acceptance to Grossmont College. Students are expected to be available for preregistration orientation and educational counseling prior to the start of each semester.

Student Body Diversity

For information regarding the diversity of the college's student body, please refer to College Planning & Institutional Effectiveness: https://www.grossmont.edu/faculty-staff/cpie/.

Services for Students

Ability to Benefit

Students enrolling for the first time after July 1, 2012 must have a High School Diploma, GED or state recognized equivalent to be eligible for federal financial aid. New students will no longer have the option to pass an Ability to Benefit (ATB) test or to successfully complete 6 degree applicable units to gain eligibility for federal financial aid. A student who does not possess a high school diploma or a recognized equivalent, but who was enrolled in an eligible program any time prior to July 1, 2012, may be eligible to receive federal student aid under the prior ATB provision. Please contact the Financial Aid Office if you think you were enrolled in an approved post-secondary educational program prior to July 1, 2012 and need to satisfy an ATB requirement. Please be advised that Grossmont and Cuyamaca Colleges **will not** accept ATB examination scores from other colleges. Information on obtaining a GED can be found at the Grossmont Adult School website at https://adultschool.guhsd.net.

Adult Re-Entry Center

Under the auspices of Student Services, the Adult Reentry Center provides a variety of resources and support for the returning adult student who is seeking information about educational goals and career options. The program has a proven track record of quality performance and continues to serve as a bridge between the college and community by providing referral services and information, regarding job placement, personal and academic counseling, Health Services, Veteran Affairs, self-help programs, Financial Aid and transportation.

With the constantly changing climate of the workplace, it is beneficial to remain well educated, as a lifelong learner and savvy with top notch skills for personal success. Education is your key to a better life and a more secure future!

To learn more, visit the Adult Reentry Center in building 60, room 146.

https://www.grossmont.edu/student-support/career-center/index.php (https://www.grossmont.edu/student-support/career-center/)

Accessibility Resource Center (A.R.C.)

Grossmont College is committed to providing programs that respond to the unique needs of the nontraditional student.

Support Services

Specialized Services

- Academic counseling
- Textbooks in alternative format
- Disability related counseling
- Learning disabilities assessment
- Note taking assistance
- Priority registration
- Referrals to community agencies
- Sign language interpreters / Real-Time Captioning
- Test proctoring / accommodations
- Other services available based on individual needs

Assistive Technology

- Assistive hardware and software
- Text-to-speech software
- Screen reader and screen magnification software
- Voice recognition software
- Note-taking / real-time transcription software
- Alternative input devices
- Talking calculator
- Videophone access in Tech Mall
- Assistive listening devices (ALDs)
- Other technology available based on individual needs

Special Classes

The following classes are designed for students with disabilities:

Code	Title	Units
Personal Development - Special Services		
PDSS-095	Study Strategies for Students with Disablilities	1
PDSS-097	Basic Writing for Students with Disabilities	2
PDSS-098	Writing Fundamentals for Students with Disabilities	2

Accessibility Resource Center (A.R.C.)
Building 60-120
8800 Grossmont College Drive
El Cajon, Ca 92020-1799
Phone: 619-644-7112
Fax: 619-644-7980
Video Phone: 619-567-7712 or 877-561-8975

Associated Students of Grossmont College (ASGC)

The Associated Students of Grossmont College (ASGC) offers students opportunities to share in college governance; to assist in the development of the college philosophy mission and vision statements; to interact with college and community professionals; to participate in social and cultural activities; and to create and administer their own programs and support systems that reflect diversity, instill self-reliance, ethical leadership and responsible action. For more information, or to get involved, visit ASGC in Building 60, Room 110, online at https://www.grossmont.edu/asgc/, Student Affairs in Building 60, Room 204, or online at https://www.grossmont.edu/student-affairs/.

The ASGC represents the voice of Grossmont College students at the local and state level in community college student government through the Student Senate for California Community Colleges (SSCCC).

The ASGC acting through its executive body, the Board of Directors, maintains the power to register and supervise student organizations on campus. Students are invited to join one of the many clubs on campus. For more information, visit the website at: https://www.grossmont.edu/get-involved/clubs-and-organizations (https://www.grossmont.edu/get-involved/clubs-and-organizations/).

Funding

The ASGC program is financed from benefit card sales and fundraising events. All students are encouraged to become active participants in student government programs.

Benefit Sticker

Purchase of the ASGC Benefit Sticker each semester provides a means by which each student can become an active participant in creating opportunities for valuable experiences outside the classroom. Examples of benefits include discount movie tickets, monthly giveaways, and more. Funds raised from Benefit Sticker sales are used to fund student

activities on campus, as well as support instructional and student services needs via the ASGC grant request process.

ASGC Benefit Stickers may be purchased online during registration or in person at the Student Activities Window, Building 10, Room 110. The Student Activities Window also provides discount movie tickets, bus and trolley passes and discounts for local services and events. Updated Benefit Sticker information may be found at: https://www.grossmont.edu/get-involved/asgc/benefit-sticker.php.

Student Representation Fee

The Student Representation Fee (SRF) is a voluntary $2 fee collected to provide funds for the support of governmental affairs representatives who state their positions and viewpoints on behalf of Grossmont College students before city, county and district governments, and before offices and agencies of the state government. The first $1 is provided to the local Associated Students to use for local advocacy, while the second $1 is given to the recognized statewide student association to further on state advocacy and operational funding for that organization.

Associated Students serves as the official voice of students in the shared governance process at the College and maintains collaborative relationships with faculty, staff, and administrators, providing student perspectives that are considered at all levels of College and District decision-making.

The Student Senate for California Community Colleges (SSCCC) is a 501(c)(3) nonprofit charitable organization that provides students with opportunities to take an active role in higher education advocacy, policy development, and participatory governance. Title 5 §51023.7 grants students the right to participate in the development of those policies and procedures that significantly impact them and the SSCCC is the mechanism for students to participate statewide in policy development. The SSCCC is guided by the delegates from all California community colleges and is recognized as the official voice of the over 2.1 million students by the Board of Governors, legislature, governor, and other education stakeholders. The new funding source will provide the SSCCC with resources to provide greater sustainability, institutional memory, and transparency, as well as funds for student leadership and advocacy training. Recent initiatives have included lobbying for a tuition-free community college, addressing food and housing insecurity, and providing greater educational access to low-income students.

The Student Representation fee waiver shall be applied online at the time of registration.

Athletics & Intercollegiate Competition

Grossmont College Athletics (https://www.grossmontgriffins.com/landing/index/) is home to the Griffins! With the exception of our Griffin Football Program, our Griffin Student-Athlete intercollegiate sports teams compete as members of the Pacific Coast Athletic Conference (PCAC) (https://www.paccoastconf.com/landing/index/), a conference within the California Community College Athletics Association (3C2A) (https://3c2asports.org/landing/index/). Below is a list of member colleges that compete in the PCAC:

- Cuyamaca College
- **Grossmont College (https://www.grossmontgriffins.com/landing/index/)**
- Imperial Valley College
- Mira Costa College
- Palomar College
- San Diego City College
- San Diego Miramar College
- San Diego Mesa College
- Southwestern College

Our Grossmont College Griffin Football Program competes in the American Division, Pacific League (https://www.scfafootball.com/landing/index/)of the Southern California Football Association (SCFA) (https://www.scfafootball.com/landing/index/).

Grossmont College's Women Intercollegiate Athletics Programs currently include: basketball (https://www.grossmontgriffins.com/sports/wbkb/index/), soccer (https://www.grossmontgriffins.com/sports/wsoc/index/), softball (https://www.grossmontgriffins.com/sports/sball/index/), swimming & diving (https://www.grossmontgriffins.com/sports/wswimdive/index/), tennis (https://www.grossmontgriffins.com/sports/wten/index/), volleyball (https://www.grossmontgriffins.com/sports/wvball/index/), beach volleyball (https://www.grossmontgriffins.com/sports/beachvball/index/) and water polo (https://www.grossmontgriffins.com/sports/wwaterpolo/index/). Our Griffin Men's Intercollegiate Programs currently include baseball (https://www.grossmontgriffins.com/sports/bsb/index/), basketball (https://www.grossmontgriffins.com/sports/mbkb/index/), football (https://www.grossmontgriffins.com/sports/fball/index/), swimming & diving (https://www.grossmontgriffins.com/sports/mswimdive/index/), volleyball (https://www.grossmontgriffins.com/sports/mvball/index/) and water polo (https://www.grossmontgriffins.com/sports/mwaterpolo/index/).

Grossmont College Intercollegiate Athletic Programs have enjoyed considerable success in both women & men's competition. Our men's teams have won conference championships in baseball, basketball, football, tennis, men's volleyball and water polo. Grossmont women programs have won conference championships in basketball, soccer, softball, swimming, tennis and volleyball. Both Griffin women and men's sports programs have won multiple state championships throughout Grossmont College's proud athletics history.

GRIFFIN ACADEMICS: Each fall semester, Grossmont College offers transfer level math and English classes that are specifically designed to foster academic excellence for our student-athletes. These engaging and dynamic courses feature curriculum and subject materials from the global sports world and athletics communities that mirror the many interests of our student-athlete population. Professors who are specially trained and prepared to support the needs and unique demands facing our student-athletes teach these classes. **For any student-athletes that may have academic questions**, please email inquiries to Grossmont College Athletics Counselor, Lina Kern @ lina.kern@gcccd.edu.

Students planning to compete in our collegiate athletics programs must maintain eligibility by being actively enrolled in twelve or more units during their semesters of competition. Additionally, student-athletes must complete 24 units from season to season and earn a cumulative GPA of 2.0 or above to maintain their eligibility status. Student-Athletes must work with academic counseling services to create their comprehensive academic educational plans that are to be completed during their studies at Grossmont College. **For more information about student-athlete**

eligibility, please email inquiries to Grossmont College Athletic Eligibility Specialist Heidi Holmquist @ heidi.holmquist@gcccd.edu.

For more information about Grossmont College Athletics, please visit us @ www.grossmontgriffins.com (http://www.grossmontgriffins.com). **GO GRIFFINS!!!**

Bookstore

Mission Statement

The Grossmont College Bookstore will make available to students the tools needed to succeed in college and support the institutional goals of the College.

1. **Rent and Save over 50%.**
   Rent your books for a term and return them after finals. It's that simple. Buy online and we'll even send you a reminder when it's time to return.
2. **Download eBooks and Save up to 60%.**
   Same new textbook in a digital format. Eco-friendly and convenient. Download eTextbooks right from your campus bookstore's website, https://www.grossmont.bncollege.com (https://grossmont.bncollege.com/).
3. **Buy New and Get up to 50% Cash Back.**
   New textbooks are yours to keep, and so is the cash back at the end of term if you sell them back to us during **finals** week. **Reduce, reuse, and save.**
4. **Buy Used and Save over 25%.**
   Buy used textbooks, save money and the environment. Then save more at the end of term if you sell them and get cash back.
5. **All Grossmont textbook sales will be facilitated online at https://www.grossmont.bncollege.com (https://grossmont.bncollege.com/)**, with branded merchandise and other supplies still available for purchase at the on-campus bookstore. Students are able to conveniently order textbooks and other learning materials required for their courses at Grossmont online, including affordable used books, rental books and eBooks, providing students with multiple shipping options, in-store pick-up, along with a variety of acceptable payment options, including Student Financial Aid.

Textbook Refunds: The refund period is posted in the Bookstore and always continues through the first week of classes. Students may refund textbooks with official evidence showing that he/she has dropped the class during the first 30 days of regular semester classes. Refunded books must be in original purchase condition. To obtain a refund for a text, the student must present, along with the book to be refunded, a correct cash register receipt reflecting the item purchased.

CalWORKs

Grossmont College CalWORKs (California Work Opportunities and Responsibility to Kids) program, is state funded program that serves students who participate in training and education as part of their Welfare-to-Work plan. CalWORKs provides intensive counseling and support services such as childcare assistance, liaison with ECM's, and work experience/work study opportunities for students. Students are assisted with tracking participation hours, completing monthly reports, and understanding CalWORKs requirements. Additional information and the application to CalWORKs may be obtained by visiting the office.

Location: Building 38E
Phone: 619-644-7112
Website: https://www.grossmont.edu/calworks (https://www.grossmont.edu/calworks/)

Career Center

The Grossmont College Career Center provides an on-campus site for students to explore and pursue their career goals. Assistance includes career counseling, career assessments, featuring interactive computer software programs: **Career Coach and Myers-Briggs Type Indicator (MBTI), Strong Inventory**, **Career Cruising** and web sites. The center also offers workshops on exploring majors, Day in the Life guest professional speakers and panels and informational interviews. The Career/Job Search Library contains an extensive range of the most current occupational and educational resources.

The Career Center also supports students with employment services as needed, such as: resume writing, interview techniques, application preparation and employer contact. An annual job fair, Career EXPO, is held each fall. Career development and job search seminars are sponsored throughout the academic year.

All Career Center resources and services are available to students and community members.

To learn more visit the Career Center in building 60, room 140.

https://www.grossmont.edu/student-support/career-center/index.php (https://www.grossmont.edu/student-support/career-center/)

Clubs and Organizations

Student clubs and organizations enrich life at Grossmont College by providing numerous leadership opportunities for students, as well as a place to enhance social and professional connections. Getting involved at Grossmont College is easy: Simply join one of the existing campus organizations or students may create their own.

Grossmont College has approximately 40 active student clubs/organizations on campus. Combined, these clubs offer activities encompassing a wide variety of topics – from religion to politics, from community service to gaming, from academic programs to advocacy.

Information concerning organizational procedures may be obtained in the ASGC Office Building 60, Room 110 or Student Affairs in Building 60, Room 204, or online at https://www.grossmont.edu/get-involved/clubs-and-organizations (https://www.grossmont.edu/get-involved/clubs-and-organizations/).

Getting involved as a student can be one of the biggest highlights of the college experience. Students will meet many new people, explore old and new interests, gain valuable life skills, and most importantly, create the campus culture. The knowledge and skill that students will develop through co-curricular involvement will have a profound impact on a student's collegiate experience and future career and include:

- Developing marketable leadership and organizational skills.
- Using energy and recreational time constructively.
- Developing and clarifying personal values.
- Enhancing creative thought and expression.
- Developing critical thinking skills.
- Learning the importance of cooperation, teamwork, work ethic, and being an active member of a group.
- Developing interpersonal and time management skills.
- Experiencing cultural sharing and exchange.

- Developing self-initiative, discipline, independence, and responsibility.
- Gaining practical experience that can be used to enhance a resume.
- Making lasting relationships with students, faculty and staff.

Get involved at Grossmont College – There's a place for everyone!

Inter-Club Council

The Inter-Club Council, or ICC for short, is an organization of registered student clubs. ICC is composed of a representative, elected or appointed, from each of the actively registered student clubs and organizations on campus.

ICC monitors the activities of all student organizations and provides an atmosphere where leaders can communicate to gain new and helpful information and shape the campus culture. This organization helps student organization leaders keep in touch with current events, spread the news of their upcoming events and fundraisers, find out important information, make written resolutions to the ASGC on club or event funding issues, and locate information they need to be effective advocates for their members on campus and in the community.

Student organizations must fulfill certain responsibilities to remain in good standing. Student organizations shall:

- Be controlled and directed by actively enrolled Grossmont College students.
- Comply with all applicable Federal, State, and Local laws, as well as District and College policies.
- Abide by Federal, State, Local, District and College non-discrimination laws and policies.
- Comply with the requirements set forth by Federal, State, Local, District and College policies regarding financial transactions made on behalf of the organization.
- Be a not-for-profit group.
- Maintain an up-to-date copy of the student organization constitution on file in the Student Affairs Office.
- Maintain an up-to-date copy of the club registration forms and pertinent club information with the Student Affairs Office.
- Be advised by at least one official Grossmont College faculty member.
- Provide a club representative to serve on the Inter-Club Council.

Student organizations that do not fulfill these responsibilities may have their accounts frozen, lose their vote in ICC, and could be in danger of having the organization's charter revoked.

Complete information concerning organizational procedures may be obtained in the ASGC Office Building 60, Room 110 or Student Affairs in Building 60, Room 204, or online at https://www.grossmont.edu/get-involved/clubs-and-organizations (https://www.grossmont.edu/get-involved/clubs-and-organizations/).

Counseling

The Counseling Department is staffed with highly trained and experienced counselors available to assist students with a variety of issues related to student success. Counseling offers transfer and academic counseling, vocational and career counseling, and personal and crisis intervention counseling services. A series of counseling classes are offered to assist students with the exploration of individual needs and interests including career decision making, college and career success, and study skills and time management. Students will find these courses listed under the "Counseling" heading in the schedule of classes.

Counselors are also able to provide assistance and help students with professional guidance in the following areas:

- Assisting students in developing a semester by semester Comprehensive Educational Plan to help them achieve their educational goals;
- Providing New Student Advising sessions to familiarize students with college services and terminology for a successful semester. Students receive an abbreviated educational plan to assist them in planning their class schedule;
- Supporting international students by offering an international student orientation and advising sessions;
- Providing online counseling services; and
- Assisting with identification of transfer options and course requirements for four-year universities.

Dreamers Resource Center (DRC)

Our Mission:

To create a safe space within Grossmont College that offers a support system for Undocumented, AB540, Dreamers, DACA-mented, Faculty/Staff, community, and students from mixed-status families. Dream Center promotes awareness of the issues and challenges that affect undocumented students in our college and community in order to ensure respect and appreciation of diversity, while promoting equal access to education.

Dream Center Support Services

- Career / Academic / Personal Counseling
- Education Planning
- Dream Act Application Assistance
- FAFSA application assistance (for students from mixed-status families)
- Financial Assistance (i.e. Book Vouchers, gas cards, grants, meal cards)
- Community Resources Liaison and Referrals
- Referrals to other Student Services programs
- FREE Legal Immigration Consultations

Dreamers Resource Center Coordinator/Counselor: Clemente Ayala

The Dream Center is located in Bldg. 70 Room 204, phone number: 619-644-7208.

Extended Opportunity Programs and Services (EOPS)

The **Extended Opportunity Program and Services (EOPS)** is a state funded program which provides educationally and financially disadvantaged students equal access to academic success while attending Grossmont College. This special program offers support services that assist qualified students in overcoming obstacles to achieve a certificate, associate degree, and/or meeting four-year university transfer requirements. These services include academic/career/personal counseling, and may include assistance with textbooks, bus passes, and financial grants.

Cooperative Agencies Resources for Education (CARE) - As a supplement program of EOPS, CARE provides additional services for EOPS eligible students who are single head of household receiving cash aid for themselves or their child(ren) and have at least one child under 18 years

of age. Additional services may include assistance with financial grants and a meal program while attending college.

NextUp - Extra Support for Current and Former Foster Youth in College - NextUp is a California State-funded program designed to provide extra support for foster youth as they transition to independent living. The NextUp program at Grossmont College can provide specialized academic, career and personal counseling; book vouchers; grant money and more to help ensure college and career success.

Location: Building 60 - Room 125
Phone: (619) 644-7617
Website: https://www.grossmont.edu/eops (https://www.grossmont.edu/eops/)

Financial Aid

Financial Aid exists to help students who might otherwise be unable to complete their education because of financial problems.

Students may apply for financial aid in the form of grants, scholarships, loans and work.

Financial aid funds are administered in accordance with a nationally established policy of financial assistance for education. The basis of this policy is the belief that students and their parents have the primary responsibility for meeting educational costs. The amount of the contribution expected from students and their parents is determined by careful analysis of family financial strength, taking into consideration net income, number of dependents, allowable expenses, indebtedness and assets. The Congress has established procedures which are used in making an evaluation of how much families can be expected to contribute.

Free Application For Student Aid "FAFSA" is available for students to complete online https://studentaid.gov/h/apply-for-aid/fafsa (https://studentaid.gov/h/apply-for-aid/fafsa/) every Fall semester for the following fall and spring. Students can check with the Financial Aid Office in May/June to complete their file and review their eligibility. Awards are made as long as funds are available.

All policies and procedures regarding Grossmont College Financial Aid can be found at https://www.grossmont.edu/financial-aid/.

Code of Conduct for Financial Aid Professionals

The 2008 Higher Education Opportunity Act (HEOA) conditions the eligibility of educational institutions to participate in Title IV programs on the development, advertisement, administration and enforcement of a Code of Conduct prohibiting conflicts of interest for the institution's officers, employees and agents [HEOA § 487(a)(25)]. To comply with this requirement, Grossmont College has developed the following Code of Conduct:

1. An officer or employee of the Grossmont College Financial Aid Office shall take no action which may result in their personal benefit and shall refrain from taking any action which they believe is contrary to law, regulation, or the best interests of the students and parents they serve.
2. An officer or employee of the Grossmont College Financial Aid Office shall make every effort to ensure that the information and advice they provide is accurate, unbiased, and does not reflect any preference arising from actual or potential personal gain.
3. Neither Grossmont College as an institution, nor any individual officer, employee or agent shall enter into any revenue-sharing arrangements with any lender. The HEOA defines a "revenue-sharing arrangement" as any arrangement between an institution and a lender under which the lender makes Title IV loans to students attending the institution (or to the families of those students), the institution recommends the lender or the loan products of the lender and, in exchange, the lender pays a fee or provides other material benefits, including revenue or profit-sharing, to the institution or to its officers, employees, or agents.
4. No officer or employee of Grossmont College who is employed in the financial aid office or who otherwise has responsibilities with respect to education loans, or agent who has responsibilities with respect to education loans, shall solicit or accept any gift from a lender, guarantor, or servicer of education loans. For purposes of this prohibition, the term "gift" means any gratuity, favor, discount, entertainment, hospitality, loan, or other item having a monetary value of more than a de minimus amount. A gift does not include
    1. a brochure, workshop, or training using standard materials relating to a loan, default aversion, or financial literacy;
    2. food, training, or informational material provided as part of a training session designed to improve the service of a lender, guarantor, or servicer if the training contributes to the professional development of the institution's officer, employee or agent;
    3. favorable terms and benefits on an education loan provided to a student employed by the institution if those terms and benefits are comparable to those provided to all students at the institution;
    4. entrance and exit counseling as long as the institution's staff are in control of the counseling and the counseling does not promote the services of a specific lender;
    5. philanthropic contributions from a lender, guarantor, or servicer that are unrelated to education loans or any contribution that is not made in exchange for advantage related to education loans, and;
    6. State education grants, scholarships, or financial aid funds administered by or on behalf of a State.
5. An officer or employee of Grossmont College who is employed in the financial aid office or who otherwise has responsibilities with respect to education loans, or an agent who has responsibilities with respect to education loans, shall not accept from any lender or affiliate of any lender any fee, payment, or other financial benefit (including the opportunity to purchase stock) as compensation for any type of consulting arrangement or other contract to provide services to a lender or on behalf of a lender relating to education loans.
6. Grossmont College shall not:
    1. for any first-time borrower, assign, through award packaging or other methods, the borrower's loan to a particular lender; or
    2. refuse to certify, or delay certification of, any loan based solely on the borrower's selection of a particular lender or guaranty agency.
7. Grossmont College shall not request or accept from any lender any offer of funds to be used for private education loans, including funds for an opportunity pool loan (an "opportunity pool loan" is defined as a private educational loan made by a lender to a student, or the student's family, that involves a payment by the institution to the lender for extending credit to the student), to students in exchange for the institution providing concessions or promises regarding providing the lender with:
    1. a specified number of loans made, insured, or guaranteed under Title IV;

2. a specified loan volume of such loans; or a preferred lender arrangement for such loans.

8. Grossmont College shall not request or accept from any lender, any assistance with call center staffing or financial aid office staffing, except that a lender may provide professional development training, educational counseling materials (as long as the materials identify the lender that assisted in preparing the materials), or staffing services on a short-term, nonrecurring basis during emergencies or disasters;
9. Any employee who is employed in the financial aid office, or who otherwise has responsibilities with respect to education loans or other student financial aid, and who serves on an advisory board, commission, or group established by a lender, guarantor, or group of lenders or guarantors, shall be prohibited from receiving anything of value from the lender, guarantor, or group of lenders or guarantors, except that the employee may be reimbursed for reasonable expenses incurred in serving on such advisory board, commission, or group.

Your Rights and Responsibilities

Education after high school requires time, money and effort. It is a big investment. As a student and consumer you should carefully evaluate all education or training options. To help make a good choice, you should have information about a school's academic program, facilities, graduation rates, full cost of attendance, refund policy, financial aid programs, and other information you think will help in making a decision. Get good answers before making a commitment.

As a financial aid recipient, it is your right to ask:

- What it costs to attend and what the policy on refunds is for students who drop out.
- How the school determines whether students are making satisfactory academic progress and what happens if they are not.
- What financial help is available, including information on all federal, state, and school financial aid programs.
- About the deadlines for submitting applications for each of the financial aid programs available and what criteria is used to select financial aid recipients.
- How individual financial need is determined. This process includes how costs for tuition and fees, room and board, transportation, books and supplies, personal and miscellaneous expenses, etc., are considered in your budget.
- What resources (such as parental contribution, other financial aid, personal assets, etc.) are considered in the need calculation, and how much of your financial need, as determined by the school, is met.
- To explain the various programs in your student aid package. If you believe you have been treated unfairly, you may request reconsideration of the award.
- How much of your financial aid must be repaid, and what portion is grant aid. You have the right to know what the student loan interest rate is, the total amount that must be repaid, payback procedures, when repayment is to begin and how long you have to repay.
- How to apply for additional aid if your financial circumstances change.

As a financial aid recipient, it is your responsibility to:

- Review and consider all information about a school's program before enrolling.
- Complete the financial aid application accurately and submit it on time to the appropriate processor. Errors delay the processing of your financial aid application. Intentional misrepresentation on an application for federal financial aid is a violation of law and a criminal offense subject to penalties.
- Respond promptly and return all requested additional documentation, verification, corrections, and/or new information to the appropriate agency.
- Read, understand and keep copies of all forms and agreements that you sign.
- If you have a loan, notify the school and lender of changes in your name, permanent mailing address, marital, or enrollment status.
- Perform in a satisfactory manner the work that is agreed upon in accepting a work-study award.
- Know and comply with the deadlines for application or reapplication for aid, and with the school's refund procedures.
- Maintain satisfactory academic progress according to the school's policies and standards.
- Report the receipt of any scholarships or outside resources to the financial aid office.

Withdrawals and the Repayment of Financial Aid Funds

Students receiving federal financial aid who *withdraw from all of their classes during the first 60% of a term* may be required to repay a portion of the federal grants that they have received. This is because a student must "earn" their financial aid. Financial aid is "earned" for each day you are enrolled in the semester.

For example, if a semester starts on August 21 and you withdraw from all of your classes on October 23, you will have "earned" 63 days worth of financial aid eligibility. The amount you have to repay will depend on the number of days you were enrolled compared to the number of days in the semester. For example, if there are 121 days in the semester, you would have only earned 52% of the aid you received (63 days/121 days in the term = 52%). If you had received a $1,500 Pell Grant award for the semester, you would have only earned $780 of the Pell Grant ($1,500 x 52% = $780). Because you have received $720 more financial aid than you "earned" ($1,500 - $780 = $720), you will be required to repay half of the amount you did not earn. The amount you would be required to pay back in this case would be no more than $360.

Please note: If you fail all of your classes in a term, you will have only earned 50% of the Pell and/or SEOG that you received and you will be billed for the amount you did not earn. This rule applies even if you were enrolled in classes for the whole term.

If you are required to repay funds to the federal government, you will be billed and have 45 days to repay the funds in full or to set up a repayment schedule. You will be ineligible for any further financial aid at any college in the United States until you have repaid the funds in full or you have set up a repayment schedule and make repayments according to the repayment schedule.

Standard Student Budgets 2025–2026

The following budgets are comparable to those used by colleges and universities in the San Diego area. Because of limited funding, moderate budgets are used to allow as many students to attend college as possible. In establishing these budgets, the student's obligation to make mature consumer choices is taken into consideration.

Housing Status	Living with parent(s)	Living away from parent(s)
Books & Supplies	$1,200	$1,200
Fees	1,332	1,332
Food & Housing	10,000	19,100
Personal Expenses	3,500	4,300
Transportation	1,500	1,500
	$17,532	$27,432

Pell Grants

In 1972, The Congress of the United States passed landmark legislation to provide grants to all students who need financial help to pursue education after high school graduation.

California College Promise Grant

This is a state program that waives the enrollment fee and the health fee for students who are residents of California (or are eligible under AB 540 or AB 1899) and have financial need. Students will be considered for a California College Promise Grant as part of the financial aid application process or may apply separately online-via https://www.grossmont.edu/financial-aid/grants/california-college-promise-grant.php if they receive TANF (AFDC), SSI, GR or have a low family income.

Minimum requirements for maximum success.

Once you've qualified for the California College Promise Grant Fee Waiver, it's important to ensure that you're meeting the following academic and progress standards in order to avoid losing the fee waiver.

Academic – Sustain a GPA of 2.0 or higher

If your cumulative GPA falls below 2.0 for two consecutive primary terms (fall/spring semesters, or fall/winter/spring quarters), you may lose your fee waiver eligibility.

Progress – Complete at least 50% of your coursework

If the cumulative number of courses you successfully complete falls below 50% in two consecutive primary terms (fall/spring semesters or fall/winter/spring quarters), you may lose your fee waiver.

Combination of Academic and Progress Standards

Any combination of two consecutive terms of cumulative GPA below 2.0, and/or cumulative course completion less than 50% may result in loss of fee waiver eligibility.

How to regain eligibility.

If you lose eligibility for the California College Promise Grant Waiver, there are a few ways that you can have it reinstated:

- Improve your GPA or Course Completion measures to meet the academic and progress standards.
- Successful appeal regarding extenuating circumstances.
- Not attending your school district for two consecutive primary terms.

The appeals process for extenuating circumstances may include:

- Verified accidents, illness or other circumstances beyond your control
- Changes in economic situation
- Evidence of inability to obtain essential support services
- Special consideration factors for A.R.C., CalWORKs, EOPS, and veteran students
- Disability accommodations not received in a timely manner.

Please note that foster youth and former foster youth (age 24 years and younger) are not subject to loss of the California College Promise Grant waiver under these regulations.

Cal Grants

Cal Grants are grants administered by the California Student Aid Commission. There are two types of grants - Cal Grant B and Cal Grant C. Cal Grant B provides funds for living expenses and is targeted to low-income students. Cal Grant C provides funds for books and supplies for those students enrolled in a vocational program. To be eligible to apply for either of these grants, students must be residents of California and have filed a FAFSA and a GPA Verification form by May 2, 2024. Community college students who miss the May 2 priority deadline may continue to apply for a limited number of special community college Cal Grants (A or B) until September 2, 2024.

Scholarships

Scholarships are available to qualified students. Awards range from $100-$1,500 and are donated by individuals, clubs and organizations in the community. Qualifying criteria for these scholarships may include demonstration of financial need, full-time enrollment at the college or specify a particular grade point average. Scholarship applications may be obtained from the Financial Aid Office.

College Work-Study Program

The College Work-Study Program, established under the Economic Opportunity Act of 1964, provides part-time jobs for students with a demonstrated need to meet the costs of education.

Supplemental Educational Opportunity Grant Program

The purpose of this federally funded program is to provide grants to students of exceptional financial need who would be unable to attend college without such assistance.

Direct Student Loan

Long-term loans under the Direct Student Loan Program are available to students enrolled at least half-time.

Bureau of Indian Affairs Grants

Grossmont College assists the Bureau of Indian Affairs in determining the financial need of Indian students applying for financial assistance under the higher education BIA program. Although applications are processed year-round, students are encouraged to file in the spring for the next academic year since funding is limited.

Hope Scholarships and Lifetime Learning Tax Credits

Educational Tax Credits for Students and Their Families

Students or their families who pay tuition and related expenses, *may* be eligible for a tax credit from the federal government. Tax credits are subtracted from the tax a student or family owes, rather than reducing taxable income like a tax deduction. A student or their family must file a federal tax return and owe taxes to the federal government to take advantage of the credit. Students must be enrolled at least half time. Students whose fees were waived are not eligible for a tax credit.

Each student who has paid tuition for the spring or fall semester will receive a **Form 1098-T Tuition Payments Statement** from the Grossmont-Cuyamaca Community College District by January 31 each year. This form needs to be submitted with your federal income tax form to claim a tax credit. For further information about the education tax benefits

offered by the IRS contact a local IRS office or visit the IRS on the internet at https://www.irs.gov/publications/p970 (https://www.irs.gov/publications/p970/).

First Year Experience

First Year Experience (FYE) is a student support program at Grossmont College designed to help guide students during their first year of college by providing ongoing social and academic support. All first time to college students are encouraged to apply! Participants are expected to attend an exclusive Welcome Session and meet with their assigned Peer Mentor.

The Mission of FYE is to create and sustain an inclusive learning community to equitably increase student enrollment, retention, persistence and completion through social integration and academic and student support services. We strive to impact diverse student populations.

Benefits of FYE:

- Priority Registration *(if requirement/s met)*
- Griffin Experience (Welcome Session)
- Peer Mentoring
- FYE Counselors
- Learning Communities
- Social Activities
- Career & Personal Counseling
- Academic & Success Workshops
- And More!

Please feel free to reach out to us with any questions or concerns you may have. We are located in building 10 between counseling and the Transfer Center. Visit https://www.grossmont.edu/FYE (https://www.grossmont.edu/student-support/fye/) for more information or send an email to grossmont.FYE@gcccd.edu.

Griffin Center

Named for the college mascot, the griffin, the Griffin Center features meeting rooms for student groups, ample seating for dining, lounging or study, easy access to campus programming, as well as a lobby with a 10-foot video screen, four food stations, and a mini-market.

The Griffin Center also houses the offices and boardroom of the Associated Students of Grossmont College, the Culinary Arts Program, Health and Wellness Center, Extended Opportunity Programs and Services (EOPS), Student Affairs, Gizmo's Kitchen/Basic needs Resources, Career Resource Center and Job Placement, Adult Re-Entry, Accessibility Resource Center (A.R.C.), and Griffin Gate a multi-purpose room in which the GCCCD Governing Board hosts bi-monthly meetings.

The Griffin Center is open Monday through Thursday from 7:30 a.m. until 10:30 p.m. and Friday 7:30 a.m. until 5:00 p.m. Special events and holidays may necessitate closure.

The building was renovated using sustainable materials and energy-conservation measures and is among the first Leadership in Energy and Environmental Design (LEED) certified projects in the Grossmont-Cuyamaca Community College District.

Health and Wellness Center

The Health and Wellness Center promotes the physical and mental health of students. The office is staffed with registered nurses, mental health therapists and support staff. The Health and Wellness Center provides services to all enrolled students who have paid the health fee or have received a financially determined waiver for the health fee. Current Grossmont College I.D. or proof of enrollment is required for services. The mandatory student health fee enables the Health and Wellness Center to provide general health care, counseling and educational programs at low or no cost to students.

Student injuries resulting from a college sponsored class or other activity and transmissible illness must be reported to the Health and Wellness office.

The mandatory health fee provides accident insurance for the protection of any student who may experience an injury while participating in a college sponsored credit or non-credit class, or other activity. The sponsored class or activity must be during a directly supervised, on-campus or school-related activity. The supervision of the sponsored class or activity must be by a member of the college staff at a college approved co-curricular activity or event.

Student insurance is secondary to any individual insurance. Information and referrals for care can be obtained in the Health and Wellness Center, Building 60 – Room 130 (Inside Griffin Center) or by calling 619-644-7192 or the Health and Wellness website: https://www.grossmont.edu/health-wellness (https://www.grossmont.edu/health-wellness/).

Note: *Students who depend exclusively upon prayer for healing according to the teaching of a bona fide religious sect, denomination or organization may petition for an exemption from the health fee by submitting a written request to the Office of Student Affairs. Waiver forms may be obtained in Admissions and Records or the Student Affairs office. Requests for exemption will be reviewed by the Dean of Student Affairs.*

Housing

Grossmont College does not offer on-campus housing. Locating accommodations is the student's responsibility.

Military Information

Specific information regarding the Armed Forces and veteran's benefits may be obtained in the Veterans Affairs Office. For additional veteran information, refer to Veterans in Admission Information (p. 18).

Rules and Regulations

Appropriate statements regarding rules and regulations concerning student conduct, rules, privileges, limits of actions, expectancies and restrictions are kept in Student Affairs and are made available to any student who wishes a copy. These rules and regulations are issued in accordance with legal requirements of notification.

Service Animals and Other Animals on District Property

The District is closed to all animals, with the exception service animals and animals involved in the instructional process. The District will allow an individual with a disability to use a service animal in District facilities and on District campuses in compliance with state and federal law.

The District will allow an individual with a disability to be accompanied by his/her service animal in all areas of the District's facilities where

members of the public, invitees, clients, customers, patrons, or participants in services, programs or activities, as relevant, are allowed to go. These procedures shall also be applicable to an individual who is training a service animal.

For more information refer to (Board Policy/Administrative Procedure 3440)

Smoking Regulations

Grossmont College is a smoke-free/tobacco-free facility as stipulated in Board Policy 3570. Violation of this campus tobacco policy will result in appropriate conduct penalties in place for both students and employees.

In accordance with AP 3570 "Smoking" means engaging in an act that generates smoke or vapor, such as possessing a lighted pipe; a lighted hookah pipe; operating an electronic cigarette or other electronic nicotine delivery system; a lighted cigar; a lighted cigarette of any kind; or lighting or igniting a pipe, a hookah pipe, a cigar, or a cigarette of any kind.

Special Events

As part of its educational offerings, Grossmont College presents a year-long series of cultural events. Among the presentations are lectures by persons of note in the political and scientific spheres; artists in the fields of music and dance; art exhibitions; dramatic productions by the Theatre Arts Department; film series; orchestral, band and choral productions; and other events that add variety to the intellectual and cultural life of the college community. These include both day and evening programs that are open to students and the general public.

Student Affairs

Student Affairs manages programs and services, in collaboration with staff, faculty, and students, that enhance the quality of campus life for students. The office assists students as they become active members of the college community while providing an educational foundation of learning through doing.

Student Affairs supports the work of the Associated Students of Grossmont College (ASGC), Inter Club Council (ICC), and individual student clubs through the facilitation of leadership development and activities planning. The Student Affairs office oversees campus-wide student life programming including student activities. Many opportunities are provided for students to become leaders on campus through ongoing workshops and numerous special events throughout the year, including Week of Welcome, Club Fairs, and Commencement.

Students interested in serving on the ASGC Board, joining/starting a club, being a part of a campus-wide committee and/or obtaining additional information regarding the overall office description are encouraged to visit Student Affairs, Room 60, Room 204.

Student Affairs has the primary responsibility of managing student conduct issues related to classroom instruction, staff, faculty, department functions, and the overall campus environment. It is responsible for investigating, facilitating, and enforcing the student conduct process per the Grossmont-Cuyamaca Community College District's Student Conduct Procedures. Student Affairs also oversees student complaints and grievances in compliance with procedures for conflict resolution and conducts the initial investigations of discrimination and harassment related charges.

Additionally, Student Affairs oversees the Health and Wellness Center and Gizmo's Kitchen/Basic Needs Resources.

Student Identification Card

Students will receive one free photo I.D. card as part of the registration process. Continuing students can update their ID card with a current semester sticker by bringing their ID card to the College Cashier's office or the Admissions & Records office. This card is required for access to Library Services, Health Services and some instructional laboratory areas, including some off-campus clinical experience sites for health occupational programs.

Student Employment Services

The Student Employment Services Office offers a variety of employment readiness and workforce development resources. Register for our free online job board, Handshake. Job Placement services are available through the Grossmont College Student Employment Office for all former and current Grossmont and Cuyamaca College students who seek job referrals. Student information and job position referrals are computerized in order to facilitate placement.

Employment listings offer career opportunities plus full-time, part-time, temporary and summer positions that best fit a student's skills, education and needs. Internships, both paid and non-paid, are also available for students. Job seekers have access to federal, state, county and municipal listings for California as well.

Some of the employment events include: Job Fairs/Career EXPO, 21st Century Professional Skills Workshops, Internships and Job Placement Assistance, Employer Spotlights, Resume Assistance, Mock Interview Appointments, Industry Business Mixers, Professional Panels and much more.

To learn more about our Student Employment Services, visit us in building 60, room 140.

https://www.grossmont.edu/student-support/career-center/index.php (https://www.grossmont.edu/student-support/career-center/)

Student Success Office

The Student Success Office consists of a team of Student Success Liaisons and Success Mentors who assist currently enrolled students in reaching their educational goals and connecting them to various campus resources. In addition to receiving individualized support for any challenges they may experience at Grossmont College; students are encouraged to join the Student Success community. For more information, please contact Grossmont.Success@gcccd.edu.

Substance Abuse Policy

The Grossmont-Cuyamaca Community College District's Governing Board has adopted policies regarding possessing or being under the influence of alcohol, narcotics, or dangerous drugs on campus. The Grossmont-Cuyamaca Community College District Substance Abuse Program information is available at the Learning Resource Center, Financial Aid Office, Student Affairs, and Student Health & Wellness Center.

Testing Services

Located in the Student Services and Administration Building, Room 10-170, this office provides individual assessments for Chemistry 141 and the Institutional English Proficiency Assessment for international students. For additional information, visit our website at https://www.grossmont.edu/assessment (https://www.grossmont.edu/admissions/placement-assessments/).

The Village

The Grossmont Village, an extension of Counseling Services, is located on the second floor of the tech mall and is a space that affords holistic, culturally responsive, and student-centered support in service to many of our historically marginalized student communities. The Village is a counseling-related space where comprehensive care is thoughtfully developed and provided to our students with intentionality paid to their intersecting racialized, social, gendered, and cultural identities, as well as their academic, career, and financial needs. The Village is home to our Justice Scholars Program for formerly incarcerated and system's impacted students, The Umoja Program for African American and Black students from throughout the diaspora, the A2Mend program a program designed to support the academic and life success of African American and other Student Men of Color, The Puente Project A "Bridge" program designed to support the successful transition of historically underserved LAtinX students from two year to four year institutions; The Dream Center dedicated to supporting our undocumented, AB540, DACA-mented students, faculty, staff, and community members as well as students from mixed-status families or families with some members who are undocumented. In partnership with our Dream Center, we also have Jewish Family Services who provide free legal services and support to our Dreamer students. Our Village is also home to The TRIO EOC-Educational Opportunity Center; and Success Coaches; individuals who serve as campus resources who can assist students navigate campus resources and services, gain tips for becoming more successful college students, and develop student success-related skills.

Transfer Center

The Transfer Center provides students with information and resources on transfer planning to the California State University, University of California, independent colleges and universities, and out-of-state four-year institutions. Counselors are available by appointment to assist students with transfer educational planning. Information sessions on transfer related topics are presented throughout the year and students are assisted with completing university admission applications at Application Assistance Sessions. Representatives from four-year colleges and universities visit campus regularly to advise students free of charge, including visits at our Fall and Spring Transfer Fairs. The Transfer Center makes available resources such as current college catalogs, articulation agreements and reference books. There are also computers available for students to access College Source (a computerized college search program), ASSIST (California's official website for transfer information and articulation), and other transfer information websites.

Tutoring Centers

Our tutoring centers give free support to students seeking help with homework and studying. Academic tutoring is available in a variety of subjects, ranging across the curriculum, based on the availability of tutors at our various tutoring centers:

- Math and Science Center: building 36, room 227 through the lobby
- English Writing and Humanities Center: building 70, room 119
- Anatomy Learning Center: building 30, room 162

We offer drop-in individual and group tutoring as well as online and in-person appointments. Additional online tutoring is available 7 days a week by visiting the website https://www.nettutor.com/. For more information, visit our webpage at https://www.grossmont.edu/student-support/tutoring/.

Public Safety

Police Services at the District are provided by the San Diego County Sheriff's Department. If necessary, the District also has access to Sheriff's Department specialized units that investigate crimes such as illegal drug sales, auto theft or gang-related crime.

In addition, a team of Campus and Parking Services (CAPS) specialists provides services such as automobile assistance, lost & found, and safety escorts. CAPS also enforces parking regulations on campus.

The Public Safety Office is located in the Grossmont College parking structure, Room 57-100.

Public Safety Contact Information

Call 911 in an emergency

- Life-threatening situation
- Medical emergency
- Missing persons
- Crime in progress
- Fire
- Major disturbance

Call (619) 644-7800 to contact law enforcement for a non-emergency

- Crime report
- Suspected suspicious activity

Call (619) 644-7654 for Campus and Parking Services

- Automobile assistance
- Parking
- Lost & found
- Safety escort

Additional public safety information is available at our home page: https://www.gcccd.edu/public-safety (https://www.gcccd.edu/public-safety/)

Parking & Traffic Regulations

All vehicles must display a valid college parking permit while parked on campus property. The responsibility of finding a legal parking space, as well as knowing where and when a parking permit is valid, rests with the vehicle operator and/or owner. The purchase of a parking permit does not guarantee a space to park. For the safety of the college community, all California Vehicles Codes are enforced. All community members (students, staff, faculty, and visitors) are primarily responsible for their own safety and property.

For further information, contact the Campus and Parking Services at (619) 644-7654.

Displaying Parking Permit on Campus

The parking permit must be displayed so that the color and expiration date is clearly visible. The parking permits are only valid when properly displayed--–affixed to the front windshield inside the lower corner on drivers side.

Student Parking Permits

Student parking permits are purchased through Student parking permits are purchased through https://www.paymycite.com/GCCCD/parkingpermit.aspx

Refunds for Parking Permits - Refunds for student parking permits are only valid the first two weeks of classes. The physical permit must be returned to the college cashiers office and a refund will be processed.

Faculty & Staff Parking Permits

Permits are available at Campus and Parking Services at each campus.

Grossmont: Building 57
Cuyamaca: Building A100

Vendor Parking Permits

Vendor parking permits are given out at the CAPS office or by emailing district.parking@gcccd.edu.

Pay Stations

Daily permits for students and visitors may be purchased from the pay stations located in Parking Lots: 1, 3, 7, and on each level of the parking structure.

Please use exact change, one dollar bills only, or any major credit/debit card. No refund or change is given. Pay stations permits are only valid in student parking lots.

Disabled Parking Permits

All vehicles utilizing disabled parking spaces must display a state issued identification placard, i.e. DMV issued placard, DP or DV plates. Applications for placards/plates are available at the Department of Motor Vehicles. Disabled Permits are also valid in parking meters and student lots.

Placard misuse will be heavily enforced and a CAPS specialist may ask to see your placard and registration at any time. Please be prepared to show proof of ownership when requested by a Parking Services Specialist.

Special Events Parking

Please contact the hosting department for parking details. Parking request for special events or large groups are available through previous arrangements, for detailed information contact Campus and Parking Services at (619) 644-7654 a minimum of 48 hours in advance.

Replacement for Lost or Stolen Permits

There are no refunds or replacement of lost or stolen parking permits.

Motorcycle Parking

Motorcycles are not required to display a parking permit but must park in designated motorcycle spaces. Do not park in hash marked or regular spaces unless clearly demarcated with a "motorcycle" sign and stenciled logo. Motorcycles, scooters, and mopeds must park in designated motorcycle areas.

Alternative Transportation Options

Bicycle racks are available throughout campus.

The college Metropolitan Transit System (MTS) pass is a great way to avoid parking hassles, car expenses, and to have access to unlimited rides throughout the semester. Monthly or semester MTS passes are available at the student services window. For more information please visit the MTS website at https://www.sdmts.com/.

Motorist Assistance

The Campus Safety goal is to provide safe, orderly, and fair parking to the college community. We strive to make parking on either campus as convenient as possible, while promoting safe movement of vehicles and providing for pedestrian safety. All persons having a valid parking permit are eligible to receive the following complimentary services: unlocking vehicle and battery jump start.

Campus and Parking Services also provides safety escorts available to all community members.

Parking Citation

Fines

Parking citation fines are to be paid within 21 days of issue date or 14 days of delinquent notice. Failure to pay fines on time results in a delinquency fee.

Payments

Fees resulting from citations are payable at the College Cashier Office or online at: https://www.paymycite.com/gcccd (https://www.paymycite.com/gcccd/)

Citation status changes will not be processed until the full payment of all applicable fees.

Unpaid citations are subject to a $75.00 delinquent fee. Payment failure will eventually result in a DMV hold on the vehicle's registration.

Appeal Forms

You may obtain a "Citation Appeal Form" at https://www.paymycite.com/gcccd (https://www.paymycite.com/gcccd/). Complete the form online within 21 calendar days of the citation's issued date. You will receive a response to your request by mail within 1-2 weeks.

Public Safety Office is located at Grossmont College on the east side of the parking structure in Parking Lot 5.

Additional Services

ATM Location

Grossmont College: Outside the Tech Mall.

Lost & Found

Lost and Found items should be returned to CAPS (Campus and Parking Services). To check if an item has been turned in, call (619) 644-7654 or stop by the District Police Department Bldg. 57.

Academic Policies

Academic Integrity

The faculty, administration, and staff of Grossmont College, in creating a culture of academic excellence, value honesty and integrity in all aspects of learning, working, and participating in the college community. Moreover, we believe that those who value learning would never view cheating (copying or otherwise presenting work that is not one's own) and plagiarism (presenting another writer's ideas, materials, images, or words as one's own without proper citation) as viable choices within an academic environment. It is incumbent on faculty, in particular, to communicate expectations to students with regard to academic honesty in each class, and it is the responsibility of each student to understand the actions and behaviors that constitute cheating or academic dishonesty within each class as well as in other venues on campus. Students are encouraged to ask questions of their instructors and are expected to read the college's statement on Academic Fraud (located in the class schedule). Penalties for actions inconsistent with classroom, library, and college expectations for academic integrity range from a failing grade on an assignment, exam, or project (which may lead to a failing grade in the course) to, under certain conditions, suspension, or expulsion from a class, program, or the college. For more information, please consult with your instructor or contact the Dean of Student Affairs.

Computer Software Copyrights

Computer software is protected by the Federal Copyright Act of 1976. Software protected by copyright may not be copied except as expressly permitted by the owner of the copyright or otherwise permitted by copyright law. Protected software may not be copied into, from, or by any district facility or system, except pursuant to a valid license or as otherwise permitted by copyright law.

The following guidelines apply to the use of College acquired software:

1. The user is responsible for complying with whatever terms and conditions are specified in the license agreement or copyright statement which accompanies individual software acquisition.
2. No copies of software may be made except in the following cases:
    1. Normally an archive copy of software is allowed for protection against accidental loss or damage. Archive copies of software should be securely stored and not used except to be recopied if the operational copy becomes damaged.
    2. Some software, when site licensed may permit multiple use within the college. Such copies must be made only by the person or persons authorized to make copies by the terms of the site license.
    3. The number of simultaneous users and distribution of copies must be handled in such a way that the number of simultaneous users in a department does not exceed the number of licenses purchased by that department, unless otherwise stipulated in the purchase contract.
    4. Some software, in particular programming languages, allows code to be copied and incorporated within user written software. Such use is generally permitted as long as the software is for personal use and not sold, rented, or leased. If distribution of commercial use is intended for software so produced, clearance must be secured from the copyright owner for the use of the incorporated code, and with the college for use of the equipment during production.
3. The intended or unintended piracy, damage, alteration or removal of any college acquired software may be treated as an act of theft or malicious destruction. Grossmont College may choose to withhold computer services to persons who have been identified as engaging in these acts.

Academic Renewal

When previously recorded Grossmont-Cuyamaca Community College District coursework is substandard and not reflective of a student's present level of demonstrated ability this policy may allow alleviation of substandard work. **(Grades D, F or NP only)**

Students may petition to have their academic record reviewed by their respective college's General Petitions Committee. Forms & instructions can be obtained from the Admissions & Records Office.

In compliance with Title 5 Regulations, a student's petition for academic renewal of substandard academic performance will be considered under the following conditions:

- At least one year has elapsed since the most recent substandard grade(s) to be alleviated, and the student has completed at least 15 units of coursework with at least a 2.0 Grade Point Average (GPA) at a regionally accredited post-secondary institution. All courses taken during the semester/session in which the student reaches or exceeds the 15 unit minimum will be used in computing the GPA. Units completed with "P" (Pass) grades will be excluded and not counted toward fulfillment of this requirement

Academic renewal cannot be used to set aside coursework which has been used to meet degree, certificate or certification requirements.

Academic Renewal does not provide an exception to the course repetition policy.

Prior Academic Renewals from Grossmont-Cuyamaca Community College District and other institutions will be taken into account when determining eligibility.

The student may select Option I or Option II.

The student may not apply for both.

- Option I: A maximum of any 24 units of substandard coursework (grades D or F only) may be alleviated. This option may be approved twice subject to a total of 24 units.
- Option II: Two complete semesters in which the Grossmont-Cuyamaca Community College District semester GPA is below 2.0 may be alleviated. Courses taken at Grossmont-Cuyamaca Community College District during the same semester shall be combined and counted as one semester.

Procedure

1. The student must formally request a review of substandard work to be alleviated. The Petitions Committee shall review all requests for academic renewal. The committee will determine if all criteria have been met and determination by the committee shall be final.
2. When such action is taken, the student's permanent academic records shall be annotated so that it is readily evident to all users of the record that no work taken during the alleviated semester(s), even if satisfactory, may apply toward degree requirements. However, all work will remain on the record insuring a true and complete academic history. Academically renewed courses will still be counted as attempted units and some restrictions will apply for Financial

Aid and Veteran students who are receiving benefits through these services.

Access to Educational Programs

It is the policy of the Grossmont-Cuyamaca Community College District Governing Board that, unless specifically exempted by statute or regulation, every course, course section, or class, reported for state aid, wherever offered and maintained by the district, shall be fully open to enrollment and participation by any person who has been admitted to the college and who meets such prerequisites as may be established pursuant to Section 55003 of Division 6, of Title 5 Code of Regulations.

Adding Courses

Students may add courses only during the official "Add" period. Students may add online once a session has begun using an "add authorization" issued by the instructor or submit the completed "Change of Program Card (add card)" to the Admissions and Records Office.

Students may enroll in more than 18 units per semester or 8 units in summer session after the start of the semester session with an overload petition. Overload petitions must be approved by a counselor. Excessive unit overloads will require an appointment with the Dean of Counseling Services.

Explanation - Courses of Instruction

The courses of study offered at Grossmont College are presented alphabetically in the Course Description section. Courses are designated as either associate degree credit courses or nondegree credit courses. Associate degree credit courses may be used as required or elective courses in a degree or certificate program. Nondegree credit courses are designed to assist the student in preparation for college level course work. Units earned in nondegree credit courses may not be applied toward a degree or certificate. Above each course description is information, including course title, designation of associate degree credit or nondegree credit status, unit value granted for the course, indication of the hours of lecture and/or laboratory, and any required prerequisite(s) and/or corequisite(s). If no designation is indicated, the hours are lecture (exceptions are 199, 298, 299As and 299Bs). Courses listed in sequence punctuated by hyphens, unless otherwise indicated, must be taken in order of listing.

Every course at Grossmont College is designed to be of collegiate value and created to contribute to the fulfillment of objectives of the college and its students. Thus, each student will discover opportunities to explore general education curricula, developmental programs and courses equivalent to those of lower division curricula at four-year colleges and universities. In addition, Grossmont offers career programs which provide technical skills for immediate employment, retraining and advancement.

Transferability should be determined through consultation with the counseling staff. Articulation agreements with transfer institutions are available in the Counseling Center. Although course numbers in the 100 series are usually taken prior to those in the 200 series, prerequisites determine when they can be taken. Therefore, certain courses in the 200 series with no prerequisites may be taken in the freshman year. The student may wish to consult with a counselor as to the advisability of such programming.

Assembly Bill (AB) 1111 - Common Course Numbering (CCN)

In compliance with Assembly Bill (AB) 1111, which mandates the adoption of Common Course Numbering (CCN) across all California Community Colleges, several CSU and UC transferable courses have been updated with revised and aligned CCN course numbers and titles. The goal is to streamline the transfer process from California Community Colleges to four-year postsecondary educational institutions and reduce excess credit accumulation. A California community college course with a CCN number foundationally shares the identical course title, description, objectives/outcomes, content, prerequisites, corequisites, enrollment limitation, and a minimum number of units.

The chart below provides a list of courses that were impacted and are effective as of Fall 2025. It is a comparison of the current course prefix and number and the new course prefix and number. If you have any questions, please contact the Counseling Center.

New Course Number & Title	Former Course Number & Title
COMM-C1000 Introduction to Public Speaking	COMM-122 Public Speaking
ENGL-C1000 Academic Reading and Writing	ENGL-120 College Composition and Reading
ENGL-C1001 Critical Thinking and Writing	ENGL-124 Advanced Composition: Critical Reasoning and Writing
POLS-C1000 American Government and Politics	POSC-121 Introduction to U.S. Government and Politics
PSYC-C1000 Introduction to Psychology	PSY-120 Introductory Psychology
STAT-C1000 Introduction to Statistics	MATH-160 Elementary Statistics

Attendance Requirements

Instructors are obligated, at the beginning of the semester, to announce to their students their policy regarding excessive absence. When absences exceed the number of hours that a class meets in a week the instructor may drop the student from the class. Failure to attend the first class meeting (no show) may result in the student being dropped from the class.

It is the student's responsibility to discuss anticipated extensive absences with the instructor. Make-up work for an absence of any kind must be completed to the satisfaction of the instructor. No absence relieves the student of the responsibility of completing all work assigned.

Auditing Courses

It shall be the policy of the Board to permit audit of courses as follows:

1. Audit enrollment will not be permitted until students have completed the allowable number of repeats in practice or performance courses. Courses are determined through agreement between the department and the appropriate administrator. Priority class enrollments are given to students desiring to take the course for credit. No student will be permitted to enroll for audit purposes until Monday of the third week of instruction.
2. A nonrefundable audit fee of $15 per unit plus any required student or instructional materials fee (e.g., health fee of $20, materials fee) shall be payable at the time of enrollment as an auditor.
3. Students enrolled in classes to receive credit for 10 or more semester credit units shall not be charged a fee to audit three or fewer units per

semester. If the student drops below the 10-unit level, the $15 per unit audit fee will be assessed.

4. Audit enrollment will be based on "seats available" and will not be used to count toward minimum enrollment requirements. If a class closes after an auditor has been admitted, the auditor may be asked to leave to make room for the credit students. Instructor discretion is strongly recommended. Audit enrollments which allow faculty to be eligible for large class bonus will not be counted.
5. No student auditing a course shall be permitted to change his or her enrollment in that course to receive credit for that course.
6. Permission to audit a class is done at the discretion of the instructor and with the instructor's signed permission.
7. No credit will be received for auditing a course. The College will not maintain any attendance or academic records for MIS reporting.

Courses Taken Out of Sequence

Successful completion of courses (i.e., biology, English, mathematics, foreign languages, etc.) implies competency in the prerequisite courses; therefore, the college does not grant credit toward graduation for courses taken out of sequence.

Credit for Prior Learning (CPL)

Credit for prior learning may be earned for District approved courses for students who satisfactorily pass an authorized assessment. Authorized assessments may include the evaluation of approved external standardized examinations, military service/training, the evaluation of industry recognized credentials, student-created portfolios, and credit by examination. Details may be found in Administrative Procedure (AP) 4235. Students may demonstrate proficiency in a course eligible for Credit for Prior Learning and receive college credit through the approved alternative methods for awarding credit listed below:

- Achievement of a satisfactory score on an Advanced Placement (AP) examination
- Achievement of a satisfactory score on a high-level International Baccalaureate (IB) examination
- Achievement of a satisfactory score on the College Level Examination Program (CLEP)
- Evaluation of military service Joint Service Transcripts (JST)
- Evaluation of industry recognized credential documentation
- Evaluation of student-created portfolios
- Satisfactory completion of an institutional examination, known as Credit by Examination, administered by the college in lieu of completion of an active course. See list below:

COURSES FOR WHICH CREDIT BY EXAMINATION MAY BE GIVEN

Allied Health and Nursing

*Nursing 118, 120, 132

Arts, Languages and Communication

Music 105, 106, 132 (for qualified music majors).

Career and Technical Education/Workforce Development

*Business, all courses except BUS 110, 120, 121, 125 and 128

Mathematics, Natural Sciences, and Exercise Science and Wellness

Chemistry 120

This department has special requirements. Contact the division dean or the department chairperson.

Note: See AP/IB/CLEP charts for satisfactory scores.

Determination of Eligibility for Credit for Prior Learning:
(with the exception of AP/IB/CLEP – See information under External Exams):

- The student must not be on academic probation or have financial holds
- The student must have previously earned credit from the District or be currently registered in the District
- Current students must have an education plan on file
- The student must consult with the academic department to determine if credit is appropriate
- The course is listed in the current Grossmont and/or Cuyamaca College Catalog
- The student is not currently enrolled in nor received credit for a more advanced course in the same subject

Students wishing to receive CPL credit should consult with a Counselor. Credits acquired by examination are not applicable to meeting unit load requirements such as Selective Service deferment, Veterans, or Social Security benefits. Additionally, credits acquired by examination shall not be counted in determining the 12 semester hours of credit in residence required for an Associate degree. Applicable fees must be paid to the Cashier/Business Office.

Credit for Military Service Schools

Credit may be granted for military service schools as recommended in the publication, A Guide to Evaluation of Educational Experiences in the Armed Forces, published by the American Council on Education. Credit will be granted for those training courses substantially similar to coursework offered by Grossmont College. Military credit granted by Grossmont College can be used to satisfy elective credit when awarding a CSU transfer degree.

Military credit will be counted toward graduation as general education or elective credit only, unless specifically accepted by a department for use within a student's major. A maximum of 20 units of military credit will be allowed.

To request evaluation of military credit, students must be currently enrolled, have all official transcripts on file in the Admissions and Records Office and submit a request for military credit in the Veteran's Office.

Deficiency Notes

It is assumed at Grossmont College that students are aware of their academic progress in any course at any time; however, when in the instructor's opinion, a student is deficient in a course, the instructor may require a conference with the student to discuss his/her progress. Notice that course work is deficient may be conveyed to the student either in writing or by oral communication. The college does not require official notification by the instructor when a student's work is unsatisfactory in a course.

Removal from Class and/or College

Excessive absences, disruptive behavior, or deliberate falsification of information are bases for dismissal from class and/or from the college for the duration of the semester or longer.

Dropping Courses

A student may drop courses online or submit a "Change of Program (green add/drop card) card" to the Admissions and Records Office. Classes dropped up until the 20% point in the course do not appear on the student's transcript. Courses dropped after the 20% point and before the 75% point in the course will result in a "W" and does not include a refund. All withdrawals must be initiated prior to the 75% point of that particular course. Students should be aware that the "W" will be taken into consideration in determination of progress alert or disqualification status. Students must clear all obligations to the college prior to withdrawal.

Withdrawal from a class after the 75% point (final drop deadline) may be authorized in the event of extenuating circumstances. Extenuating circumstances are verified cases of accidents, illnesses, or other circumstances beyond the control of the student. Should a verified condition require a complete withdrawal after the final drop deadline, a student may file a petition at the Admissions and Records Office. If the circumstances require a medical withdrawal, a medical withdrawal includes an "EW" (Excused Withdrawal), does not include a refund and can only be granted for all courses in a particular session at Grossmont College. A partial medical withdrawal can apply only to ES/DANC activity courses or to courses completed prior to the medical incident. The student must file a petition with documentation to the Admissions and Records Office for these types of withdrawals. Documentation must address how the medical issue impacts your studies or enrollment.

Military withdrawals shall not be counted in progress alert and dismissal calculations. No refunds will be given for military withdrawals.

It is the student's responsibility to clear all obligations to the college prior to withdrawal. Additionally, it is the student's responsibility to officially drop courses they are no longer attending. If a course is not officially dropped, the student may receive an "F" for the course.

Examinations

Final Examinations

Formal written and/or performance examinations will be given at the end of each course and as frequently during the semester as sound evaluation practice dictates. Final examinations are required in all courses and must be given according to the schedule provided in the class schedule. No student may be excused from final examinations. Instructors will not ordinarily give final examinations at any time other than those regularly scheduled times.

Early Finals

If, in the opinion of the instructor, an extreme emergency justifies the giving of a final examination prior to the regularly scheduled date, the instructor shall obtain approval from the appropriate dean in writing that an early examination is being given. This request shall include the title of the course, the reason why the early examination is authorized and the name of the student.

Late Finals

In the event severe illness or other emergency prevents the student from taking a final examination during the regularly scheduled date, the instructor must be notified at the time and, as soon as possible, the student must make up the examination missed. In all cases the illness or emergency must be verified.

External Exams Credit

Grossmont College grants credit toward its associate degrees for successfully passing external examinations including Advanced Placement (AP), International Baccalaureate (IB) and College Level Examination Program (CLEP). Such examinations may also be used for Cal-GETC certification and for placement purposes in Mathematics and English courses. In order to receive credit, students must send official score reports to the Admissions and Records Office. The student's academic transcript will be annotated to designate unit credit awarded by external examinations. The following charts show the examinations, the total units awarded at GCCCD, CSU and UC, the specific area of general education requirements that may be cleared and the equivalent Grossmont course(s), if any. If a student receives External Exam credit and then takes the equivalent Grossmont College course, the unit credit will be deducted prior to being awarded the AA/AS degree. For exams not on this list, see the Articulation Officer. (mariadenise.aceves@gcccd.edu)

Advanced Placement (AP)

As indicated in the chart on the next page, credit is awarded for AP examinations passed with a score of 3 or above. Credit may be applied to specific general education areas and in some cases fulfill major requirements. Elective units are granted for examinations that do not fit into general education areas and/or fulfill major requirements. In the Grossmont-Cuyamaca Community College District, the manner in which credit is awarded mirrors the California State University Systemwide Credit for External Examinations policies. **Transfer students should check the catalog of the four-year institution to see how AP credits are awarded outside of general education (how credits are applied toward major coursework).** To obtain AP score reports visit https://www.collegeboard.org/.

College Level Examination Program (CLEP)

Grossmont College awards general education and/or elective credit for CLEP examinations. Passing scores range from 50 and above (see chart). At the discretion of the appropriate instructional department faculty, CLEP may be used to clear major requirements. A student may earn up to a maximum of 18 units of CLEP at Grossmont College. **Students intending to transfer should check with the transferring institution to determine their policy.** Students are cautioned that CLEP policies vary among colleges. The CSU has approved the application of CLEP on GE and has a 30-unit overall cap on the acceptance of CLEP credit. To obtain CLEP transcripts, visit https://www.collegeboard.org/.

International Baccalaureate (IB)

Grossmont College grants 3-6 units for each International Baccalaureate Higher Level (HL) Subject Examination passed with an appropriate score (see chart). Examinations may be evaluated for specific course credit to satisfy a major requirement or to clear a prerequisite by the appropriate instructional department faculty. **Students planning to transfer without a Cal-GETC certification should check the catalog of the four-year institution to see how IB credits are awarded.** To request IB transcripts, students may contact International Baccalaureate at https://www.ibo.org/.

For the AP, CLEP, and IB charts, the following definitions apply:

GCCCD = Grossmont-Cuyamaca Community College District
GC = Grossmont College
CC = Cuyamaca College
CSU only = California State University Applicable
UC = University of California
UC LOTE = Course eligible for Language other than English
Cal-GETC = California General Education Transfer Curriculum
CCC = California Community College General Education Advanced Placement (minimum units)

Advanced Placement (AP)

AP Exam	Total Units Awarded	General Education	GCCCD Major Courses Fulfilled
2-D Art and Design	GCCCD: 3 CSU: 3 UC: 5.3 CCC: 0	GC: 3, Area 3 Cal-GETC: N/A CCC: N/A	ART 120
3-D Art and Design	GCCCD: 3 CSU: 3 UC: 5.3 CCC: 0	GC: 3, Area 3 Cal-GETC: N/A CCC: N/A	ART 129
African American Studies	GCCCD: 3 CSU: 3 UC: 2.6	GC: N/A Cal-GETC: N/A CCC: N/A	N/A
Art History	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 3 Cal-GETC: 3, Area 3A or 3B CCC: 3, Arts/ Humanities	ART 140, 141
Biology	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 4	GC: 4, Area 5 - w/ lab Cal-GETC: 4, Area 5B, 5C CCC: 4, Natural Sciences	CC: BIO 120 or 130, 131 GC: BIO 120
Calculus AB	GCCCD: 3 CSU: 3 UC: 2.6 CCC: 3	GC: 3, Area 2 Cal-GETC: 3, Area 2 CCC: 3, Mathematical Concepts/ Quantitative Reasoning	MATH 180 (Score of 3)
Calculus BC	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 2 Cal-GETC: 3, Area 2 CCC: 3, Mathematical Concepts/ Quantitative Reasoning	MATH 180 (Score of 3) MATH 180 and 280 (Score of 4 or 5)
Calculus BC/AB Subscore	GCCCD: 3 CSU: 3 UC: 2.6 CCC: 3	GC: 3, Area 2 Cal-GETC: 3, Area 2 CCC: 3, Mathematical Concepts/ Quantitative Reasoning	MATH 180
Chemistry	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 4	GC: 4, Area 5 - w/ lab Cal-GETC: 4, Area 5A, 5C CCC: 4, Natural Sciences	CHEM 120 (Score of 3) CHEM 141 (Score of 4 or 5)
Chinese Language & Culture	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 3 Cal-GETC: 3, Area 3B CCC: 3, Arts/ Humanities	GC: CHIN 120, 121
Comparative Government & Politics	GCCCD: 3 CSU: 3 UC: 2.6 CCC: 3	GC: 3, Area 4 Cal-GETC: 3, Area 4 CCC: 3, Social/ Behavioral Sciences	POSC 124
Computer Science A	GCCCD: 3 CSU: 3 UC: 5.3 CCC: 0	N/A	CC: CS 182 GC: CSIS 293
Computer Science AB	GCCCD: 6 CSU: 6 UC: 0 CCC: 3	N/A	N/A
Computer Science Principles	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 2 CSU only: 3, Area 2 Cal-GETC: N/A CCC: Mathematical Concepts/ Quantitative Reasoning	N/A
Drawing	GCCCD: 3 CSU: 3 UC: 5.3 CCC: 3	GC: 3, Area 3 Cal-GETC: N/A CCC: N/A	ART 124
English Language & Composition	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 1A Cal-GETC: 3, Area 1A CCC: 3, English Composition	ENGL C1000 formerly ENGL 120 or ESL 122
English Literature & Composition	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 6, Area 1A or 3 CSU only: 6, Area 1A,3B Cal-GETC: 3, Area 1A or 3B CCC: 3, English Composition or Arts/Humanities	ENGL C1000 formerly ENGL 120 or ESL 122, ENGL 122
Environmental Science	GCCCD: 4 CSU: 4 UC: 2.6 CCC: 4	GC: 4, Area 5 - w/ lab Cal-GETC: 3, Area 5A, 5C CCC: 4, Natural Sciences	N/A
European History	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 3 or 4 Cal-GETC: 3, Area 3B or 4 CCC: 3, Social/ Behavioral Sciences or Arts/ Humanities	HIST 105 or 106

French Language & Culture	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 3 Cal-GETC: 3, Area 3B, LOTE CCC: 3, Arts/ Humanities	GC: FREN 120, 121
German Language and Culture	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 3 Cal-GETC: 3, Area 3B, LOTE CCC: 3, Arts/ Humanities	GC: GERM 120, 121
Human Geography	GCCCD: 3 CSU: 3 UC: 2.6 CCC: 3	GC: 3, Area 4 Cal-GETC: 3, Area 4 CCC: 3, Social/ Behavioral Sciences	GEOG 130
Italian Language & Culture	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 3 Cal-GETC: 3, Area 3B, LOTE CCC: 3, Arts/ Humanities	GC: ITAL 120, 121
Japanese Language & Culture	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 3 Cal-GETC: 3, Area 3B, LOTE CCC: 3, Arts/ Humanities	GC: JAPN 120, 121
Latin	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 3 Cal-GETC: 3, Area 3B, LOTE CCC: 3, Arts/ Humanities	N/A
Macroeconomics	GCCCD: 3 CSU: 3 UC: 2.6 CCC: 3	GC: 3, Area 4 Cal-GETC: 3, Area 4 CCC: 3, Social/ Behavioral Sciences	ECON 120
Microeconomics	GCCCD:3 CSU: 3 UC: 2.6 CCC: 3	GC: 3, Area 4 Cal-GETC: 3, Area 4 CCC: 3, Social/ Behavioral Sciences	Econ 121
Music Theory	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 3 Cal-GETC: N/A CCC: 3, Arts/ Humanities	MUS 105 or 106
Physics 1: Algebra-based	GCCCD: 4 CSU: 4 UC: 5.3 CCC: 4	GC: 4, Area 5 - w/ lab Cal-GETC: 4, Area 5A, 5C CCC: 4, Natural Sciences	PHYC 110
Physics 2: Algebra-Based	GCCCD: 4 CSU: 4 UC: 5.3 CCC: 4	GC: 4, Area 5 - w/ lab Cal-GETC: 4, Area 5A, 5C CCC: 4, Natural Sciences	PHYC 110
Physics C: Electricity & Magnetism	GCCCD: 4 CSU: 4 UC: 2.6 CCC: 4	GC: 4, Area 5 – w/lab Cal-GETC: 3, Area 5A, 5C CCC: 4, Natural Sciences	PHYC 202
Physics C: Mechanics	GCCCD: 4 CSU: 4 UC: 2.6 CCC: 4	GC: 4, Area 5 – w/lab Cal-GETC: 3, Area 5A, 5C CCC: 4, Natural Sciences	PHYC 201
PreCalculus	GCCCD: 3 CSU: 3 UC: 0 CCC: 3	GC/CC: 3, Area 2 CSU only: 3, Area 2 Cal-GETC: N/A CCC: 3, Mathematical Concepts/ Quantitative Reasoning	Math 170,175 or Math 176
Psychology	GCCCD: 3 CSU: 3 UC: 2.6 CCC: 3	GC: 3, Area 4 Cal-GETC: 3, Area 4 CCC: 3, Social/ Behavioral Sciences	PSYC C1000 formerly PSY 120
Seminar	GCCCD: 3 CSU: 3 UC: 0 CCC: 0	N/A	N/A
Spanish Language & Culture	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 3 Cal-GETC: 3, Area 3B, LOTE CCC: 3, Arts/ Humanities	SPAN 120, 121
Spanish Literature & Culture	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 3 Cal-GETC: 3, Area 3B, LOTE CCC: 3, Arts/ Humanities	N/A
Statistics	GCCCD: 3 CSU: 3 UC: 2.6 CCC: 3	GC: 3, Area 2 Cal-GETC: 3, Area 2 CCC: 3, Mathematical Concepts/ Quantitative Reasoning	STAT C1000 formerly MATH 160
Studio Art - Drawing	GCCCD: 3 CSU: 3 UC: 5.3 CCC: 0	GC: 3, Area 3 Cal-GETC: N/A CCC: N/A	ART 124

US Government & Politics	GCCCD: 3 CSU: 3 UC: 2.6 CCC: 3	GC: 3, Area 4 CSU only: 3, AI US#2 Cal-GETC: 3, Area 4 CCC: 3, Social/ Behavioral Sciences	POLS C1000 formerly POSC 121
US History	GCCCD: 6 CSU: 6 UC: 5.3 CCC: 3	GC: 3, Area 3 or 4 CSU only: 3, AI US#1 Cal-GETC: 3, Area 3B or 4 CCC: 3, Social/ Behavioral Sciences or Arts/ Humanities	HIST 108 or 109
World History Modern	GCCCD: 3 CSU: 3 UC: 5.3 CCC: 3	GC: 3, Area 3 or 4 Cal-GETC: 3, Area 3B or 4 CCC: 3, Social/ Behavioral Sciences or Arts/ Humanities	HIST 100 or 101

Questions regarding the Advancement Placement (AP) examination chart can be directed to Counselors. Please note that information identified by "GC" is specific to Grossmont College. For examinations not on this contact the Articulation Officer.

- If a student passes more than one AP examination in Calculus or Computer Science, only one examination may be applied to the baccalaureate.
- If a student passes more than one AP examination in Physics, only six units of credit may be applied to the baccalaureate and only four units of credit may be applied to a certification in General Education Breadth.
- Transfer students should check the catalog of the four-year institution to see how AP credits are awarded outside of general education (how credits are applied toward major coursework).
- The UC has placed a maximum credit limitation of 5.3 units when a student passes more than one AP examination in these areas: English, Calculus, Physics, and Studio Arts.

Reference: CSU Systemwide Credit for External Examinations (https://calstate.policystat.com/policy/17715500/latest/), *April 8th, 2025;* Cal-GETC STANDARDS Version 1.2 (https://icas-ca.org/standards-policies-and-procedures-manual/), *2024.*

College Level Examination Program (CLEP) Examinations

CLEP Examination	Approved Score	Total Units Awarded	General Education
American Government	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 4 CSU only: 3, Area 4 Cal-GETC: N/A CCC: 3, Social/ Behavioral Sciences
American Literature	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 3 CSU only: 3, Area 3B Cal-GETC: N/A CCC: 3, Arts/ Humanities
Analyzing and Interpreting Literature	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 3 CSU only: 3, Area 3B Cal-GETC: N/A CCC: 3, Arts/ Humanities
Biology	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 5 # no lab CSU only: 3, Area 5B # no lab Cal-GETC: N/A CCC: 3, Natural Sciences
Calculus	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 2 CSU only: 3, Area 2 Cal-GETC: N/A CCC: 3, Mathematical Concepts/ Quantitative Reasoning
Chemistry	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 5 # no lab CSU only: 3, Area 5A # no lab Cal-GETC: N/A CCC: 3, Natural Sciences
College Algebra	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 2 CSU only: 3, Area 2 Cal-GETC: N/A CCC: 3, Mathematical Concepts/ Quantitative Reasoning
College Algebra-Trigonometry	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 2 CSU only: 3, Area 2 Cal-GETC: N/A CCC: 3, Mathematical Concepts/ Quantitative Reasoning
College Composition	50	GCCCD: 0 CSU: 0 UC: N/A CCC: 0	GC: N/A CSU : N/A Cal-GETC: N/A CCC: N/A

College Composition - Modular	50	GCCCD: 0 CSU: 0 UC: N/A CCC: 0	GC: N/A CSU : N/A Cal-GETC: N/A CCC: N/A
College Mathematics	50	GCCCD: 0 CSU: 0 UC: N/A CCC: 0	GC: N/A CSU : N/A Cal-GETC: N/A CCC: N/A
English Composition (without essay)	50	GCCCD: 0 CSU: 0 UC: N/A CCC: 0	GC: N/A CSU : N/A Cal-GETC: N/A CCC: N/A
English Composition (with essay)	50	GCCCD: 0 CSU: 0 UC: N/A CCC: 0	GC: N/A CSU : N/A Cal-GETC: N/A CCC: N/A
Financial Accounting	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 0	GC: N/A CSU : N/A Cal-GETC: N/A CCC: N/A
French Level I	50	GCCCD: 6 CSU: 6 UC: N/A CCC: 6	GC: N/A CSU : N/A Cal-GETC: N/A CCC: N/A
French Level II	59	GCCCD: 9 CSU: 9 UC: N/A CCC: 3	GC: 5, Area 3 CSU only: 3, Area 3B Cal-GETC: N/A CCC: 3, Arts/ Humanities
Freshman College Composition	50	GCCCD: 0 CSU: 0 UC: N/A CCC: 0	GC: N/A CSU : N/A Cal-GETC: N/A CCC: N/A
German Level I	50	GCCCD: 6 CSU: 6 UC: N/A CCC: 3	GC: N/A CSU : N/A Cal-GETC: N/A CCC: N/A
German Level II	60	GCCCD: 9 CSU: 9 UC: N/A CCC: 3	GC: 5, Area 3 CSU only: 3, Area 3B Cal-GETC: N/A CCC: 3, Arts/ Humanities
History: US I	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 4 CSU only: 3, Area 4, AI US-1 Cal-GETC: N/A CCC: 3, Social/ Behavioral Sciences
History: US II	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 4 CSU only: 3, Area 4, AI US-1 Cal-GETC: N/A CCC: 3, Social/ Behavioral Sciences
Human Growth and Development	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 7A CSU : N/A Cal-GETC: N/A CCC: 3, Social/ Behavioral Sciences
Humanities	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 3 CSU only: 3, Area 3B Cal-GETC: N/A CCC: 3, Arts/ Humanities
Information Systems and Computer Applications	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 0	GC: 3, N/A CSU : N/A Cal-GETC: N/A CCC: N/A
Introduction to Educational Psychology	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 0	GC: 3, N/A CSU : N/A Cal-GETC: N/A CCC: N/A
Introductory Business Law	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 0	GC: 3, N/A CSU only: N/A Cal-GETC: N/A CCC: N/A
Introductory Psychology	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 4 CSU only: 3, Area 4 Cal-GETC: N/A CCC: 3, Social/ Behavioral Sciences
Introductory Sociology	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 4 CSU only: 3, Area 4 Cal-GETC: N/A CCC: 3, Social/ Behavioral Sciences
Natural Sciences	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 5 - no lab CSU only: 3, Area 5A or 5B - no lab Cal-GETC: N/A CCC: 3, Natural Sciences
Precalculus	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 2 CSU only: 3, Area 2 Cal-GETC: N/A CCC: 3, Mathematical Concepts/ Quantitative Reasoning
Principles of Accounting	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 0	GC: 3, N/A CSU : N/A Cal-GETC: N/A CCC: N/A

Principles of Macroeconomics	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 4 CSU only: 3, Area 4 Cal-GETC: N/A CCC: 3, Social/ Behavioral Sciences
Principles of Management	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 0	GC: 3, N/A CSU : N/A Cal-GETC: N/A CCC: N/A
Principles of Marketing	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 0	GC: 3, N/A CSU : N/A Cal-GETC: N/A CCC: N/A
Principles of Microeconomics	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 4 CSU only: 3, Area 4 Cal-GETC: N/A CCC: Social/ Behavioral Sciences
Social Sciences and History	50	GCCCD: 0 CSU: 0 UC: N/A CCC: 0	GC: N/A CSU : N/A Cal-GETC: N/A CCC: N/A
Spanish Level I	50	GCCCD: 6 CSU: 6 UC: N/A CCC: 0	GC: N/A CSU : N/A Cal-GETC: N/A CCC: N/A
Spanish Level II	63	GCCCD: 9 CSU: 9 UC: N/A CCC: 3	GC: 5, Area 3 CSU only: 3, Area 3B Cal-GETC: N/A CCC: 3, Arts/ Humanities
Spanish with Writing I	50	GCCCD: 6 CSU: 6 UC: N/A CCC: 0	GC: N/A CSU : N/A Cal-GETC: N/A CCC: N/A
Spanish with Writing II	63	GCCCD: 9 CSU: 9 UC: N/A CCC: 0	GC: 3, Area 3 CSU only: 3, Area 3B Cal-GETC: N/A CCC: 3, Arts/ Humanities
Western Civilization I	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 3 or 4 CSU only: 3, Area 3B or 4 Cal-GETC: N/A CCC: 3, Arts/ Humanities or Social/Behavioral Sciences
Western Civilization II	50	GCCCD: 3 CSU: 3 UC: N/A CCC: 3	GC: 3, Area 4 CSU only: 3, Area 4 Cal-GETC: N/A CCC: 3, Social/ Behavioral Sciences

Questions regarding the CLEP chart can be directed to Counselors. Please note that information identified as "GC" is specific to Grossmont College. For examinations not on this list see the Articulation Officer.

- CLEP is not accepted for IGETC, Cal-GETC or by the UC System. Students seeking certification in CSU GE Breadth prior to transfer must have passed the test before this date.
- If a student passes more than one CLEP test in the same language other than English, then only one examination may be applied to the baccalaureate.
- At the discretion of discipline faculty, CLEP may be used to clear major requirements. A Modification of Major form must be submitted to the appropriate department chair for approval.

Reference: CSU Systemwide Credit for External Examinations *(*https://calstate.policystat.com/policy/17715500/latest/*), April 8th, 2025;* Cal-GETC STANDARDS Version 1.2 *(*https://icas-ca.org/standards-policies-and-procedures-manual/*), 2024.*

International Baccalaureate (IB) Examinations

IB Exam	Approved Score	Total Units Awarded	General Education
Biology HL	GCCCD: 5 CSU: 5 UC: 5	GCCCD: 6 CSU: 6 UC: 5.3	GC: 3, Area 5 - no lab Cal-GETC: 3, 5B - no lab
Chemistry HL	GCCCD: 5 CSU: 5 UC: 5	GCCCD: 6 CSU: 6 UC: 5.3	GC: 3, Area 5 - no lab Cal-GETC: 3, Area 5A - no lab
Economics HL	GCCCD: 5 CSU: 5 UC: 5	GCCCD: 6 CSU: 6 UC: 5.3	GC: 3, Area 4 Cal-GETC: 3, Area 4
Geography HL	GCCCD: 5 CSU: 5 UC: 5	GCCCD: 6 CSU: 6 UC: 5.3	GC: 3, Area 4 Cal-GETC: 3, Area 4
History (any region) HL	GCCCD: 5 CSU: 5 UC: 5	GCCCD: 6 CSU: 6 UC: 5.3	GC: 3, Area 3 or 4 Cal-GETC: 3, Area 3B or 4
Language A Literature (any language, except English) HL[1]	GCCCD: 4 CSU: 4 UC: 5	GCCCD: 6 CSU: 6 UC: 5.3	GC: 3, Area 3 Cal-GETC: 3, Area 3B & UC LOTE[2]
Language A Language and Literature (any language, except English) HL[1]	GCCCD: 4 CSU: 4 UC: 5	GCCCD: 6 CSU: 6 UC: 5.3	GC: 3, Area 3 Cal-GETC: 3, Area 3B & UC LOTE[2]
Language A Literature (any language) HL	GCCCD: 4 CSU: 4 UC: 5	GCCCD: 6 CSU: 6 UC: 5.3	GC: 3, Area C CSU: N/A Cal-GETC: 3, Area 3B[2]

Language A Language and Literature (any language) HL	GCCCD: 4 CSU: 4 UC: 5	GCCCD: 6 CSU: 6 UC: 5.3	GC: 3, Area C CSU: N/A Cal-GETC: 3, Area 3B[2]
Language B (any language) HL	GCCCD: 4 CSU: 4 UC: 5	GCCCD: 6 CSU: 6 UC: 5.3	GC: N/A CSU : N/A Cal-GETC: 3, UC LOTE
Mathematics: Analysis and Approaches HL	GCCCD: 4 CSU: 4 UC: 5	GCCCD: 6 CSU: 6 UC: 5.3	GC: 3, Area 2 Cal-GETC: 3, Area 2
Mathematics: Applications and Interpretation HL[3]	GCCCD: 4 CSU: 4 UC: N/A	GCCCD: 6 CSU: 6 UC: N/A	GC: 3, Area 2 CSU only: 3, Area 2 Cal-GETC: 3, Area 2 (not all UCs)
Physics HL	GCCCD: 5 CSU: 5 UC: 5	GCCCD: 6 CSU: 6 UC: 5.3	GC: 3, Area 5 - no lab Cal-GETC: 3, Area 5A - no lab
Psychology HL	GCCCD: 5 CSU: 5 UC: 5	GCCCD: 3 CSU: 3 UC: 5.3	GC: 3, Area 4 Cal-GETC: 3, Area 4
Theater HL	GCCCD: 4 CSU: 4 UC: 5	GCCCD: 6 CSU: 6 UC: 5.3	GC: 3, Area 3 Cal-GETC: 3, Area 3A

Questions regarding the International Baccalaureate (IB) examination chart can be directed to Counselors. Please note that information identified by "GC" is specific to Grossmont College. For examinations not on this list see the Articulation Officer.

1 Please note that SDSU uses Language A HL (English) to satisfy RWS 100 and ELC 299, see SDSU catalog "Academic Credit Through Examination" policies for more information.
2 Score must be 5, 6, or 7 for Cal-GETC certification.
3 No UC credit is awarded for the Mathematics Applications and Interpretations exam offered 2021 and later.

Reference: CSU Systemwide Credit for External Examinations (https://calstate.policystat.com/policy/17715500/latest/), *April 8th, 2025;* Cal-GETC STANDARDS Version 1.2 (https://icas-ca.org/standards-policies-and-procedures-manual/), *2024.*

Family Educational Rights and Privacy Act

Grossmont College accords to students all rights under the Family Educational Rights and Privacy Act. No one outside the institution shall have access to nor will the institution disclose any information from the students' education records without the written consent of students except to officials of other institutions in which students seek to enroll, to persons or organizations providing students financial aid, to accrediting agencies carrying out their accreditation function, to persons in compliance with a judicial order, and to persons in an emergency in order to protect the health or safety of students or other persons. At Grossmont College, only those employees acting in the students' educational interest are allowed access to student education records within the limitations of their need to know.

The Act provides students with the right to inspect and review information contained in their education records, to challenge the contents of their education records, to have a hearing if the outcome of the challenge is unsatisfactory, and to submit explanatory statements for inclusion in their files if the decisions of the hearing panels are unacceptable. The Dean of Admission and Records and Financial Aid has been designated by the institution to coordinate the inspection and review procedures for student education records.

For more information, please visit: https://www.grossmont.edu/admissions/student-privacy-ferpa/

Final Grades

California Education Code section 76224(a) states the following:

When grades are given for any course of instruction taught in a community college district, the grade given to each student shall be the grade determined by the instructor of the course and the determination of the student's grade by the instructor, in the absence of mistake, fraud, bad faith, or incompetency, shall be final.

Questions regarding a final grade must be brought to the attention of the appropriate divisional dean within one year of the issuance of the grade.

Grading System and Notations

Grades are earned in each course and recorded on a semester basis on the student's permanent record. A copy of the permanent record is the transcript. Grades should be interpreted as follows:

Grade	Meaning
A+	Excellent
A	
A-	
B+	
B	Good
B-	
C+	
C	Satisfactory
D	Passing, less than satisfactory
F	Failing
W	Withdrawal (issued to students who withdraw before the final drop deadline). Students who are enrolled after the final drop date must receive a letter grade (A-F).
EW	Excused Withdrawal: The "EW" symbol may be used as described in, and in accordance with Title 5, section 55024.

	(1) "Excused Withdrawal" (EW) occurs when a student is permitted to withdraw from a course(s) due to specific events beyond the control of the student affecting his or her ability to complete a course(s) and may include a job transfer outside the geographical region, an illness in the family where the student is the primary caregiver, when the student who is incarcerated in a California state prison or county jail is released from custody or involuntarily transferred before the end of the term, when the student is the subject of an immigration action, or other extenuating circumstances as described in (a)(2), making course completion impracticable. In the case of an incarcerated student, an excused withdrawal cannot be applied if the failure to complete the course(s) was the result of a student's behavioral violation or if the student requested and was granted a mid-semester transfer. Upon verification of these conditions and consistent with the district's required documentation substantiating the condition, an excused withdrawal symbol may be assigned at any time after the period established by the governing board during which no notation is made for withdrawals. The withdrawal symbol so assigned shall be an "EW."
	(2) Excused withdrawal shall not be counted in progress probation and dismissal calculations.
	(3) Excused withdrawal shall not be counted toward the permitted number of withdrawals or counted as an enrollment attempt.
	(4) In no case may an excused withdrawal result in a student being assigned an "FW" grade.
MW	Military Withdrawal awarded to active or reserve military personnel upon receipt of military orders compelling a withdrawal from courses.
P	Pass is equal to a "C" grade or higher and units are not calculated in GPA. (formerly Credit)
NP	No Pass is equal to less than a "C" grade. Units are not calculated in GPA. Pass or No Pass may be assigned only if the course is indicated as pass/ no pass or if the student has elected this option. (formerly No Credit)
I	Incomplete - Incomplete academic work for unforeseeable, emergency and justifiable reasons at the end of the term, may result in an "I" symbol being entered in the student's record. An incomplete grade may be given only after the student has contacted the instructor; awarding of an "I" is at the discretion of the instructor.
	The "I" may be made up no later than one semester following the end of the term in which it was assigned. The "I" symbol shall not be used in calculating units attempted nor for grade points. A student may petition for extension of the time limit for removal of the incomplete. The petition must include evidence of approval from the instructor.
	Both the instructor and the student must complete and sign the Incomplete Grade Contract form. Procedural details are printed on the back of that form and under the catalog section titled Incomplete Grades.
IP	In progress - The IP symbol indicates that work is "in progress," but that assignment of a grade must wait its completion. The IP symbol shall remain on the student's permanent record in order to satisfy enrollment documentation. The appropriate grade and unit credit shall be assigned and will appear on the student's permanent record for the term in which the course is completed. The IP shall not be used in calculating grade point averages.
RD	Report Delayed - The RD symbol may be assigned by the Admissions and Records Office only. It is to be used when there is a delay in reporting the grade of a student due to circumstances beyond the control of the student. It is a temporary notation to be replaced by a permanent symbol as soon as possible. "RD" is not used in calculating GPA.

P, NP, W, EW, MW, I, IP and RD grades are not used in computation of grade point average but the W, NP and I are used for purposes of progress alert and disqualification status.

Grade Point Average

Academic achievement is reported in terms of grade point average (GPA). This is derived from the following weighting system:

Grade	Grade Points per Unit Earned
A+	4.0 grade points per unit earned
A	4.0 grade points per unit earned
A-	3.7 grade points per unit earned
B+	3.3 grade points per unit earned
B	3.0 grade points per unit earned
B-	2.7 grade points per unit earned
C+	2.3 grade points per unit earned
C	2.0 grade points per unit earned
D	1.0 grade points per unit earned
F	0.0 grade points per unit earned

Grade point average is computed by dividing total units attempted into total grade points earned. Decisions on probation and dismissal, scholarship, eligibility for graduation, and transfer are all influenced or determined by grade point average; hence, students should pay constant attention to their own grade point standing.

Honors

Vice President's List and President's List

Students carrying 12 or more units at Grossmont College in which letter grades are earned (P not included) and maintaining a 3.5 or higher grade point average are placed on the **Vice President's List**. Students maintaining a 4.0 grade point average are placed on the **President's List**.

Students carrying less than 12 units at either Grossmont College or Cuyamaca College, but carrying 12 or more total units in which letter grades are earned (P not included) at Grossmont and Cuyamaca combined and maintaining a combined grade point average of 3.5 are placed on the **District Vice President's List**. Students maintaining a 4.0 grade point average are placed on the **District President's List**.

Part-time students are eligible for the **Vice President's List** if they:

1. complete 12 units in one academic year (fall and spring semesters) with a grade point average of 3.5 or higher and
2. are enrolled in fewer than 12 units per semester.

Graduation With Honors

Students who have earned a 3.5 or higher GPA on all degree applicable work attempted graduate with honors.

Official transcripts from all colleges attended must be on file in the Admissions and Records Office. However, if you are below a 3.5 overall GPA and if no course work on a transcript from another college is used to meet any degree requirement, students may exclude that entire transcript from being used to compute their overall GPA for graduation. Students electing this option need to make this request at the time they file the Request for Associate Degree form in the Admissions and Records Office. This option only applies to the GPA used to determine graduation with honors from Grossmont College and is not used to determine eligibility for honors for commencement. It will not affect transfer GPA and other colleges and universities may not calculate GPA for honors status the same way.

Honors Program

The Grossmont College Honors Program is intended to promote academic excellence in students who are intellectually gifted, academically well-prepared, highly motivated, unusually creative, or especially talented.

In the program, students who desire additional challenge will take part in a spirited learning process that is designed to provide greater breadth and depth than is generally available in the regular program. In addition, participation in the program may increase students' ability to transfer to four-year universities of their choice or to obtain employment in the occupational fields for which they are preparing.

Students interested in pursuing honors study at Grossmont College should consult the appropriate faculty member, department chairperson or coordinator and/or the division dean of the area in which they desire to study.

Incomplete Grades

An Incomplete (I) grade may be awarded at the discretion of the instructor when all the following conditions exist:

1. The student has contacted the instructor of his/her course and both have agreed to the provisions established in the Incomplete Grade Contract.
2. The student has had an unforeseen emergency that prevents him/her from completing the remaining course work. Evidence to verify the emergency may be required.
3. The student has completed a minimum of 50% of the required course work, as specified in the course syllabus, with regular attendance, and there is still the possibility of earning a passing grade.

The student is responsible for acknowledging the following:

1. Completing the coursework as outlined in the Incomplete Grade Contract. Upon satisfactory completion, the instructor will replace the "I" with a grade.
2. The "I" is not used in calculating GPA or units.
3. The "I" cannot be cleared by re-enrolling in the course.
4. The grade earned on the portion of work completed for the course (as specified in the course syllabus) must be used to calculate the final grade for the course.
5. A signed Incomplete Grade Contract in which the student agrees to complete remaining coursework, must be filed by the instructor. In the case of an extreme emergency where the student is unable to meet with the instructor, the instructor may initiate and file the Incomplete Grade Contract, sending a copy to the student for signature. The contract is invalid without both instructor and student signatures. Without the student's signature, the I will revert to the default grade at the end of the following semester.
6. Class time and/or assignments outlined in the Incomplete Grade Contract must be completed by the end of the 16-week semester following the date on the contract. If not, the "I" will revert to the default grade assigned on the Incomplete Grade Contract.
7. An extension of time for removal of the "I" must be petitioned by the student. The petition must include evidence of approval from the instructor.
8. In the event that the original instructor of record on the Incomplete Grade Contract is unavailable, the student must see the appropriate department chair or dean for alternate arrangements.

Limitations on Enrollment

(Courses Related in Content)

As required by Title 5, California Code of Regulations, Section 55040 (c), student enrollment in active participatory courses in physical education, visual arts or performing arts that are related in content is limited to no more than four times for semester-length courses. This limitation applies even if a student receives a substandard grade or "W" during one or more of the enrollments in such a course or petitions for repetition due to extenuating circumstances. Both Grossmont and Cuyamaca Colleges have created "course families" to address this limitation. These families include courses that have been determined by the individual departments in the district to have related or similar content. Students can have a maximum of four (4) enrollments total amongst courses that are in a family. A student who has reached the maximum number of enrollments in a family cannot enroll in any course within that same family again in the Grossmont-Cuyamaca Community College District.

Studio Arts / Digital Art / Photography Families

Courses Related in Content

Maximum four (4) attempts for any family group.

An attempt includes:

- Completion
- Final grade resulting in a "W" or "NP" or "F"
- Incomplete

Studio Arts Foundations

Course	Grossmont College	Cuyamaca College
ART 120	ART-120	ART-120
ART 129	ART-129	ART-129
ART 148		

Ceramics Foundations

Course	Grossmont College	Cuyamaca College
ART 126	ART-126	
ART 127	ART-127	
ART 128	ART-127	

Ceramics: Concepts and Practices

Course	Grossmont College	Cuyamaca College
ART 136	ART-136	
ART 226	ART-226	
ART 227	ART-227	

Digital Arts Foundations

Course	Grossmont College	Cuyamaca College
ART 171	ART-171	
ART 172	ART-172-GC	
ART 175	ART-175	
GD 105		GD-105
GD 126		GD-126

Digital Art: Drawing and Illustration

Course	Grossmont College	Cuyamaca College
ART 177	ART-177	ART-177
ART 184	ART-184	
ART 240	ART-240	
GD 225		GD-225

Drawing Foundations

Course	Grossmont College	Cuyamaca College
ART 124	ART-124	ART-124
ART 125	ART-125	ART-125
ART 224		ART-224-CC
ART 225		ART-225-CC
ART 241		ART-241
ART 242		ART-242

Human Figure Drawing

Course	Grossmont College	Cuyamaca College
ART 230	ART-230	ART-230
ART 231	ART-231	ART-231
ART 232		ART-232
ART 233		ART-233
ART 240	ART-240	ART-240

Printmaking

Course	Grossmont College	Cuyamaca College
ART 210	ART-210	
ART 211	ART-211	

Painting Foundations

Course	Grossmont College	Cuyamaca College
ART 121	ART-121	ART-121
ART 220	ART-220	ART-220
ART 221	ART-221	ART-221
ART 222	ART-222	ART-222

Watercolor Painting

Course	Grossmont College	Cuyamaca College
ART 135		ART-135
ART 235		ART-235
ART 236		ART-236

Photography Foundations

Course	Grossmont College	Cuyamaca College
PHOT 150	PHOT-150	
PHOT 151	PHOT-151	
GD 210		GD-210
GD 211		GD-211
GD 212		GD-212

Photography Concepts & Contemporary Practices

Course	Grossmont College	Cuyamaca College
PHOT 152	PHOT-152-GC	
PHOT 252	PHOT-252	

Sculpture Foundations

Course	Grossmont College	Cuyamaca College
ART 130	ART-130	
ART 229	ART-229	
ART 280	ART-280	

Sculpture Fabrication and Practices

Course	Grossmont College	Cuyamaca College
ART 281	ART-281	
ART 282	ART-282	

Jewelry Design

Course	Grossmont College	Cuyamaca College
ART 131	ART-131	
ART 132	ART-132	
ART 133	ART-133	

Dance Families

Courses Related in Content

Maximum four (4) attempts for any family group.

An attempt includes:

- Completion
- Final grade resulting in a "W" or "NP" or "F"
- Incomplete

Ballet

Course	Grossmont College	Cuyamaca College
DANC 088A	DANC-088A	
DANC 088B	DANC-088B	
DANC 088C	DANC-088C	
DANC 088D	DANC-088D	

Jazz Dance

Course	Grossmont College	Cuyamaca College
DANC 084A	DANC-084A	
DANC 084B	DANC-084B	
DANC 084C	DANC-084C	
DANC 084D	DANC-084D	

Modern Dance

Course	Grossmont College	Cuyamaca College
DANC 080A	DANC-080A	
DANC 080B	DANC-080B	
DANC 080C	DANC-080C	
DANC 080D	DANC-080D	

Tap Dance

Course	Grossmont College	Cuyamaca College
DANC 081A	DANC-081A	
DANC 081B	DANC-081B	
DANC 081C	DANC-081C	
DANC 081D	DANC-081D	

Hip Hop

Course	Grossmont College	Cuyamaca College
DANC 094A	DANC-094A	
DANC 094B	DANC-094B	
DANC 094C	DANC-094C	
DANC 094D	DANC-094D	

Studio Workshop in Dance - Modern/Tap/Jazz

Course	Grossmont College	Cuyamaca College
DANC 071A	DANC-071A	
DANC 071B	DANC-071B	
DANC 072A	DANC-072A	
DANC 072B	DANC-072B	
DANC 074A	DANC-074A	
DANC 074B	DANC-074B	

Studio Workshop in Dance - Ballet/Pointe

Course	Grossmont College	Cuyamaca College
DANC 078A	DANC-078A	
DANC 078B	DANC-078B	
DANC 099A	DANC-099A	
DANC 099B	DANC-099B	
DANC 099C	DANC-099C	

Choreography/Student Choreography

Course	Grossmont College	Cuyamaca College
DANC 223	DANC-223	
DANC 224	DANC-224	
DANC 225	DANC-225	

Ballroom/Ethnic Dance

Course	Grossmont College	Cuyamaca College
DANC 082A	DANC-082A	
DANC 082B	DANC-082B	

Conditioning/Stretch

Course	Grossmont College	Cuyamaca College
DANC 118A	DANC-118A	
DANC 118B	DANC-118B	
DANC 118C	DANC-118C	
DANC 118D	DANC-118D	

Teaching Practicum

Course	Grossmont College	Cuyamaca College
DANC 121	DANC-121	
DANC 122	DANC-122	
DANC 123	DANC-123	

Production/Performance - Mentored Student Choreography

Course	Grossmont College	Cuyamaca College
DANC 201	DANC-201	
DANC 202	DANC-202	
DANC 203	DANC-203	

Production/Performance - Faculty Choreography

Course	Grossmont College	Cuyamaca College
DANC 227	DANC-227	
DANC 228	DANC-228	
DANC 229	DANC-229	
DANC 230	DANC-230	

Exercise Science and Wellness Families

Courses Related in Content

Maximum four (4) attempts for any family group.

An attempt includes:

- Completion
- Final grade resulting in a "W" or "NP" or "F"
- Incomplete

Total Body Fitness

Course	Grossmont College	Cuyamaca College
ES 004ABC	ES-004A, ES-004B, ES-004C	
ES 006ABC	ES-006A, ES-006B, ES-006C	
ES 011		ES-011
ES 019ABC		ES-019A, ES-019B, ES-019C
ES 021ABC	ES-021A, ES-021B, ES-021C	
ES 022	ES-022	
ES 024ABC	ES-024A, ES-024B, ES-024C	ES-024A, ES-024B, ES-024C

Mind/Body & Flexibility Fitness

Course	Grossmont College	Cuyamaca College
ES 013		ES-013
ES 026	ES-026	
ES 027ABC	ES-027A, ES-027B, ES-027C	
ES 028ABC	ES-028A, ES-028B, ES-028C	ES-028A, ES-028B, ES-028C

Muscle Development

Course	Grossmont College	Cuyamaca College
ES 005ABC	ES-005A, ES-005B, ES-005C	
ES 014ABC		ES-014A, ES-014B, ES-014C
ES 023ABC	ES-023A, ES-023B, ES-023C	

Cardiovascular Fitness

Course	Grossmont College	Cuyamaca College
ES 007ABC	ES-007A, ES-007B, ES-007C	
ES 008ABC	ES-008A, ES-008B, ES-008C	ES-008A, ES-008B, ES-008C
ES 009ABC	ES-009A, ES-009B, ES-009C	ES-009A, ES-009B, ES-009C
ES 010		ES-010
ES 016ABC	ES-016A, ES-016B, ES-016C	
ES 017ABC	ES-017A, ES-017B, ES-017C	

Combative Sports

Course	Grossmont College	Cuyamaca College
ES 180	ES-180	ES-180
ES 185ABC	ES-185A, ES-185B, ES-185C	

Racquet Sports

Course	Grossmont College	Cuyamaca College
ES 060ABC	ES-060A, ES-060B, ES-060C	ES-060A, ES-060B, ES-060C
ES 061ABC	ES-061A, ES-061B, ES-061C	ES-061A, ES-061B, ES-061C
ES 076ABC	ES-076A, ES-076B, ES-076C	ES-076A, ES-076B, ES-076C

Individual Sports

Course	Grossmont College	Cuyamaca College
ES 012		ES-012
ES 037	ES-037A, ES-037B, ES-037C	
ES 125ABC	ES-125A, ES-125B, ES-125C	ES-125A, ES-125B, ES-125C
ES 130ABC	ES-130A, ES-130B, ES-130C	

Team Sports/Gym

Course	Grossmont College	Cuyamaca College
ES 155ABC	ES-155A, ES-155B, ES-155C	ES-155A, ES-155B, ES-155C
ES 175ABC	ES-175A, ES-175B, ES-175C	ES-175A, ES-175B, ES-175C

Team Sports/Field

Course	Grossmont College	Cuyamaca College
ES 170ABC	ES-170A, ES-170B, ES-170C	ES-170A, ES-170B, ES-170C
ES 171ABC	ES-171A, ES-171B, ES-171C	ES-171A, ES-171B, ES-171C
ES 172ABC	ES-172A, ES-172B, ES-172C	
ES 176ABC	ES-176A, ES-176B, ES-176C	

Aquatic Cardiovascular Fitness

Course	Grossmont College	Cuyamaca College
ES 040ABC	ES-040A, ES-040B, ES-040C	
ES 044ABC	ES-044A, ES-044B, ES-044C	

Aquatics

Course	Grossmont College	Cuyamaca College
ES 039	ES-039	
ES 043ABC	ES-043A, ES-043B, ES-043C	

Music Families

Courses Related in Content

Maximum four (4) attempts for any family group.

An attempt includes:

- Completion
- Final grade resulting in a "W" or "NP" or "F"
- Incomplete

Vocal Ensembles

Course	Grossmont College	Cuyamaca College
MUS 136		MUS-136
MUS 137		MUS-137
MUS 236		MUS-236
MUS 237		MUS-237
MUS 138	MUS-138	
MUS 139	MUS-139	
MUS 238	MUS-238	
MUS 239	MUS-239	
MUS 158		MUS-158
MUS 159		MUS-159
MUS 258		MUS-258
MUS 259		MUS-259

Jazz/Popular Ensembles

Course	Grossmont College	Cuyamaca College
MUS 108		MUS-108
MUS 109		MUS-109
MUS 208		MUS-208
MUS 209		MUS-209
MUS 156	MUS-156	MUS-156
MUS 157	MUS-157	MUS-157
MUS 256	MUS-256	MUS-256
MUS 257	MUS-257	MUS-257
MUS 166	MUS-166	
MUS 167	MUS-167	
MUS 266	MUS-266	
MUS 267	MUS-267	

Non-Western Ensembles

Course	Grossmont College	Cuyamaca College
MUS 154	MUS-154	
MUS 155	MUS-155	
MUS 254	MUS-254	
MUS 255	MUS-255	
MUS 142	MUS-142	
MUS 143	MUS-143	
MUS 242	MUS-242	
MUS 243	MUS-243	

Large Instrumental Ensembles

Course	Grossmont College	Cuyamaca College
MUS 148	MUS-148	
MUS 149	MUS-149	
MUS 248	MUS-248	
MUS 249	MUS-249	
MUS 150	MUS-150	
MUS 151	MUS-151	
MUS 250	MUS-250	
MUS 251	MUS-251	
MUS 152	MUS-152	MUS-152
MUS 153	MUS-153	MUS-153
MUS 252	MUS-252	MUS-252
MUS 253	MUS-253	MUS-253

Musical Theatre Ensembles

Course	Grossmont College	Cuyamaca College
MUS 164	MUS-164	
MUS 165	MUS-165	
MUS 264	MUS-264	
MUS 265	MUS-265	

Theatre Arts Families

Courses Related in Content

Maximum four (4) attempts for any family group.

An attempt includes:

- Completion
- Final grade resulting in a "W" or "NP" or "F"
- Incomplete

Course	Grossmont College	Cuyamaca College
THTR 102 A, B, C, D	THTR-102A, THTR-102B, THTR-102C, THTR-102D	
THTR 103 A, B, C, D	THTR-103A, THTR-103B, THTR-103C, THTR-103D	
THTR 104 A, B, C, D	THTR-104A, THTR-104B, THTR-104C, THTR-104D	
THTR 111 A, B, C, D	THTR-111A, THTR-111B, THTR-111C, THTR-111D	
THTR 112 A, B, C, D	THTR-112A, THTR-112B, THTR-112C, THTR-112D	
THTR 113 A, B, C, D	THTR-113A, THTR-113B, THTR-113C, THTR-113D	
THTR 122 A, B, C, D	THTR-122A, THTR-122B, THTR-122C, THTR-122D	
THTR 123 A, B, C, D	THTR-123A, THTR-123B, THTR-123C, THTR-123D	
THTR 124 A, B, C, D	THTR-124A, THTR-124B, THTR-124C, THTR-124D	
THTR 145	THTR-145	
THTR 146	THTR-146	
THTR 147	THTR-147	
THTR 148	THTR-148	

Pass/No Pass

(Formerly Credit/ No Credit)

Pass/No Pass (P/NP) is a grading system where such units earned will be counted in satisfaction of curricular requirements but will be disregarded in determining a student's grade point average.

A "P" grade shall represent at least a satisfactory completion ("C" grade) of course requirements. A "NP" grade shall represent unsatisfactory completion of course requirements. Course work that would have received a "D" or "F" will be graded "No Pass" (NP). "NP" grades will be taken into consideration in the determination of lack-of-progress probation and disqualification status.

Students intending to transfer to four-year colleges or universities should check the specific policies of those institutions pertaining to the transferability of "P" grades. Similarly, it is highly recommended that students complete their major or area of emphasis coursework with a letter grade ("A," "B," or "C"). For more information and to review the options, students are encouraged to meet with a counselor.

Pass No Pass Grading Policy

A maximum of 12 credit units earned at Grossmont College with "P" grades may be counted toward satisfaction of curriculum requirements for Associate Degrees and Certificates. Pass grades received from other accredited institutions, as well as credits authorized for military courses and Advanced Placement examinations, may be applied as well.

There are courses in which "P/NP" grades are used exclusively; these are designated in the catalog course description by the statement "P/NP Only." In addition, there are courses that cannot be taken on a "P/NP" basis. Some courses may be taken for either "P/NP" or "Letter Grade." Credit units earned in "P/NP Only" courses are exempt from the 12-unit restriction.

Students electing to be graded on a "P/NP" basis shall establish that option in writing by completing a "Pass/No Pass Request form" and submitting to Admissions and Records. The form may be submitted for term length and short-term courses up to the last day of instruction of the requested course. A student may elect to reverse their action up until the last day of instruction of the requested course. Once the last day of instruction has passed, the decision is irrevocable.

Prerequisites

A ***prerequisite*** is a condition of enrollment that a student is required to meet in order to demonstrate current readiness for enrollment in a course or educational program.

A ***corequisite*** is a condition of enrollment consisting of a course that a student is required to simultaneously take in order to enroll in another course.

An ***advisory on recommended preparation*** is a condition of enrollment that a student is advised, but not required, to meet before or in conjunction with enrollment in a course or educational program.

All courses shall be open for enrollment to any student who has been admitted to the college, except that students may be required to meet necessary and valid prerequisites. In addition, the District may also limit enrollment in a course based on health and safety considerations, facility limitations, or legal requirements imposed by statute or regulations.

A student who does not meet a prerequisite or corequisite or who is not permitted to enroll due to a limitation on enrollment but who provides satisfactory evidence may seek entry into the course as follows:

1. If space is available in a course when a student files a challenge to the prerequisite, corequisite, or advisory on recommended preparation, the College shall reserve a seat for the student and resolve the challenge within five (5) working days. If the challenge is upheld or the College fails to resolve the challenge within the five (5) working day period, the student shall be allowed to enroll in the course.
   If no space is available in the course when the challenge is filed, the challenge shall be resolved prior to the beginning of registration for the next term and, if the challenge is upheld, the student shall be permitted to enroll if space is available when the student registers for that subsequent term.
2. Grounds for challenge are:
   1. The prerequisite or corequisite has not been established in accordance with the College's process for establishing prerequisites and corequisites;
   2. The prerequisite or corequisite is in violation of Title 5 regulations (Section 55201);
   3. The prerequisite or corequisite is either unlawfully discriminatory or is being applied in an unlawfully discriminatory manner;
   4. The student has the knowledge or ability to succeed in the course or program despite not meeting the prerequisite or corequisite;
   5. The student will be subject to undue delay in attaining the goal of his or her Student Educational Plan because the prerequisite or corequisite course has not been made reasonably available. If other courses are available which meet the same requirement, the student is not being delayed. There is no obligation to honor the student's preference.
   6. The student has not been allowed to enroll in a course due to a limitation on enrollment established for (a) a course that involves intercollegiate competition or public performance, or (b) a course limited to a cohort of students. The student shall be allowed to enroll if otherwise he or she would be delayed by a semester in attaining the degree or certificate specified in his or her Student Educational Plan.
   7. The student seeks to enroll in a course which has a prerequisite established to protect health and safety, and the student demonstrates that he or she does not pose a threat to himself or herself or others.
3. The student has the obligation to provide satisfactory evidence that the challenge should be upheld. However, where facts essential to the determination of whether the student's challenge should be upheld or ought to be in the College's own records, then the College has the obligation to produce that information.

Challenges to a prerequisite should be filed with the Vice President of Academic Affairs. All challenges will be resolved by a committee consisting of the Vice President of Academic Affairs, the Dean of Counseling and the Department Chair or Coordinator of the course with the prerequisite in question.

Students wishing to challenge prerequisites for any other reason should do so using the Student Due Process Procedures listed in this publication.

Probation and Dismissal

Grades earned at other schools prior to admission to District colleges shall not be considered in determining probationary status. Students should be aware that Financial Aid Satisfactory Academic Progress (SAP) standards may differ from these policies. Priority registration is lost when a student has been on academic and/or progress probation for two consecutive semesters.

California College Promise Grant (formerly known as the BOG Fee Waiver) eligibility may also be lost when a student has been on academic or progress probation for two consecutive primary terms. For more information on the Loss of California College Promise Grant eligibility, how the regulations relate to the following academic standards and possible exemptions, please go to: https://www.grossmont.edu/financial-aid/grants/california-college-promise-grant.php.

Probation

1. **Academic Probation**
   Any student who has attempted a minimum of 12 semester units and whose cumulative college grade point average falls below 2.0 in courses receiving letter grades for work attempted at a college within the district shall be placed on academic probation at the college where the units were attempted.
2. **Lack-of-Progress Probation**
   Any student who has enrolled in a cumulative total of at least 12 semester units at a college in the district shall be placed on probation when the student's cumulative units indicate 50 percent or more units of W, I, and/or NP at the college where the units were attempted.
3. **Removal from Probation**
   1. Any student placed on academic probation shall be removed from probation when the cumulative grade point average at the college where the student has been on probation has improved to 2.0.
   2. Any student placed on lack-of-progress probation shall be removed from probation when the cumulative units of W, I, or NP recorded at the college where the student has been on probation are less than 50 percent of the total units attempted.

Dismissal

Any student dismissed from a college within the Grossmont-Cuyamaca Community College District may not attend any college within the district during the next consecutive semester. The student may, however, attend the next consecutive summer term or spring intersession.

Special circumstances exist for dismissals after the fall semester due to the fact that students traditionally enroll before fall grades are available. Dismissal letters will be sent no later than late January informing them that:

If they are enrolled for spring semester, their spring registration will be revoked.

If they are not enrolled in the spring semester, they have the right to petition for readmission.

1. **Academic Dismissal**
   Any student on academic probation whose semester grade point average falls below 2.0 shall be academically dismissed. Any student on academic probation whose semester grade point average equals or exceeds 2.0 but whose cumulative grade point average for all units attempted remains below 2.0 shall be continued on probation.
2. **Lack-of-Progress Dismissal**
   Any student who is on lack-of-progress probation and whose semester work indicates 50 percent or more units of W, I, or NP will be dismissed. Any student on lack-of-progress whose semester work indicates fewer than 50 percent units of W, I, or NP but whose cumulative records show 50 percent or more units of W, I, or NP will be continued on lack-of-progress probation.

Readmission

Any student dismissed may petition for readmission. The petition must be initiated at the college in which the dismissal occurred. A student who has not attended for one semester after dismissal will receive a registration appointment for the subsequent semester and be readmitted without petition.

Repetition of Courses

A student is not obligated to repeat a course which he/she has failed unless it is a course required for graduation, or for transfer, or is a prerequisite to another required course.

Substandard Work

A student may repeat any course in which a substandard final grade (D, F or NP) was earned. If the course is offered at both colleges in the district, the student may repeat the course at either college. Students will only be allowed to enroll in a course three times if they have received a substandard grade (D, F, NP, NC) or withdrew from the class with a "W" in the Grossmont District.

1. Students must submit a petition to the Admissions and Records Office to enroll in a course for the fourth time. Petitions will only be approved based on extenuating circumstances. Holds will be placed to ensure students complete the 4th attempt for a grade. Military withdrawals do not count in terms of repetition restrictions, nor do withdrawals that occur due to fire, flood or natural disaster (Title 5 Sections 55024 and 58509).
   1. If the student elects to repeat the course at either college within the district, the original grade will be annotated. If a student repeats the course a second time, the first two grades will be annotated, and the last grade will be counted in the grade point average.
   2. If the student elects to repeat the course in which the substandard grade was earned at another college outside the district, a petition will need to be filed with the appropriate college's Petition Committee for action.
2. Upon completion of a repeated course, the original grade will be annotated and removed from the cumulative totals on the transcript in such a manner that all work remains legible, insuring a true and complete academic history. Only the last grade will be included in determining GPA and academic standing, and only those units will be counted toward graduation. No assurance can be provided that repeated course(s) will be treated in this manner by other institutions.

Special Circumstances

A student may not repeat a course in which a "C" or "Pass" grade or higher was earned except by petition under extenuating circumstances and the repeat must be needed to meet an educational objective. If such circumstances do exist, and the petition is approved, the grade earned in the repeated course shall be calculated in the student's GPA.

1. Students may submit a petition in the Admissions and Records office with supporting documentation of extenuating circumstances.
2. If the student attempts to repeat the course at the other college in the district, the student should file a petition with the Petitions Committee for action, at the appropriate campus where the repeated course will be taken.

3. A student with a disability may repeat a special class any number of times when an individualized determination verifies that such repetition is required as a disability-related accommodation.
4. A student may repeat a course in occupational work experience as long as he/she does not exceed the limits on the number of units of cooperative work experience. The grade received each time shall be included for purposes of calculating the student's GPA.
5. A student may repeat a course any number of times if it is determined to be legally mandated. Only the last grade will be included in determining GPA.
6. A student may repeat a course as a result of a significant change in industry or licensure standards such that repetition of the courses is necessary for employment or licensure. Only the last grade will be included in determining GPA.
7. A course may be repeated due to a significant lapse of time of no less than 36 months if there is an approved recency prerequisite for the course or program, or another institution of higher education to which the student seeks to transfer has established a recency requirement. Only the last grade will be included in determining GPA.

Precollegiate Basic Skills Coursework Limitations

Students may not receive credit for more than 30 units of precollegiate basic skills coursework. This limit shall not apply to the following students:

1. Students enrolled in one or more courses of English as a Second Language.
2. Students identified by a college in the District as having a disability.

As a result of placement research a student may be required to enroll in a concurrent support class during the semester in which they take a transfer level English or math course. Students may be granted a waiver to the limitation upon petition to a college in the District. (Petitions are available at Admission and Records) Waivers will be granted only when the student shows significant and measurable progress toward the development of skills necessary for college-level courses. Such waivers will be given only for a specified period of time or for a specified number of units.

Revision of Regulations

Any regulation adopted by the Governing Board of the Grossmont-Cuyamaca Community College District shall have the same force as a printed regulation in the catalog and shall supersede any ruling on the same subject which may appear in the printed catalog or official bulletin of the college.

Student Rights and Responsibilities

Student Code of Conduct

To ensure a safe campus community and provide a prompt and equitable means to address violations of the Grossmont-Cuyamaca Community College District Standards of Student Conduct, the Dean of Student Affairs, in conjunction with the President and Vice President of Student Services, administratively facilitate the Grossmont-Cuyamaca Community College District's Student Conduct Procedures for Grossmont College.

Grounds for Student Conduct Action

(These procedures also apply to distance education.)

Student conduct must conform to District and College rules and regulations. If a Student Code of Conduct violation occurs while a student is enrolled in any program of instruction or co-curricular offering within the District, to include distance education programs, he or she may be subject to Student Conduct Action for one or more of the following causes that must be District related. Except in response to conduct specified in subdivisions (g) and (h) of Section 76033, no student shall be removed, suspended, or expelled unless the conduct for which the student is disciplined is related to college activity or college attendance. This section is not intended to limit provisions of federal law, or limit the ability of community college districts to take appropriate action under federal law.

These categories of behavior are not intended to be an exhaustive list, but are examples of causes and are good and sufficient causes for Conduct, including but not limited to the removal, suspension, or expulsion of a student. Other misconduct not listed may also result in Conduct if good cause exists (Education Code Section 76033, 76034).

1. Causing, attempting to cause, or threatening to cause physical injury to another person.
2. Possession, sale or otherwise furnishing any firearm, knife, explosive, or other dangerous object, including but not limited to any facsimile firearm, knife, or explosive, unless, in the case of possession of any object of this type, the student has obtained written permission to possess the item from the Vice President of Student Services or designee.
3. Unlawful possession, use, sale, offer to sell, or furnishing, or being under the influence of, any controlled substance listed in California Health and Safety Code Sections 11053 et seq., an alcoholic beverage, or an intoxicant of any kind; or unlawful possession of, or offering, arranging or negotiating the sale of any drug paraphernalia, as defined in California Health and Safety Code Section 11014.5.
4. Committing or attempting to commit robbery or extortion.
5. Causing or attempting to cause damage to District property or to private property on campus.
6. Stealing or attempting to steal District property or private property on campus, or knowingly receiving stolen District property or private property on campus.
7. Willful or persistent smoking in any area where smoking has been prohibited by law or by regulation of the college or the District.
8. Committing sexual harassment as defined by law or by District policies and procedures.
9. Engaging in harassing or discriminatory behavior based on disability, gender, gender identity, gender expression, nationality, race or ethnicity, religion, sexual orientation or any other status protected by law.
10. Engaging in intimidating conduct or bullying against another student through words or actions, including direct physical contact; verbal assaults, such as teasing or name-calling; social isolation or manipulation; and cyberbullying.
11. Willful misconduct that results in injury or death to a student or to District personnel or which results in cutting, defacing, or other injury to any real or personal property owned by the District or on campus.
12. Disruptive behavior, willful disobedience, habitual profanity or vulgarity, or the open and persistent defiance of the authority of, or persistent abuse of, college personnel.
13. Cheating, plagiarism (including plagiarism in a student publication), or engaging in other academic dishonesty as defined by the College's academic integrity standards.
14. Dishonesty; forgery; alteration or misuse of District documents, records or identification; or knowingly furnishing false information to the District.

15. Unauthorized entry upon or use of District facilities.
16. Lewd, indecent or obscene conduct or expression on District-owned or controlled property, or at District sponsored or supervised functions.
17. Engaging in expression which is obscene, libelous or slanderous, or which so incites students as to create a clear and present danger of the commission of unlawful acts on District premises, or the violation of lawful District regulations, or the substantial disruption of the orderly operation of the District.
18. Persistent, serious misconduct where other means of correction have failed to bring about proper conduct.
19. Unauthorized preparation, giving, selling, transfer, distribution, or publication, for any commercial purpose, of any contemporaneous recording of an academic presentation in a classroom or equivalent site of instruction, including but not limited to handwritten or typewritten class notes, except as permitted by any district policy or administrative procedure.
20. Engaging in physical or verbal intimidation or harassment of such severity or pervasiveness as to have the purpose or effect of unreasonably interfering with a student's academic performance, or District employee's work performance, or of creating an intimidating, hostile or offensive educational or work environment.
21. Engaging in physical or verbal disruption of instructional or student services activities, administrative procedures, public service functions, authorized curricular or co-curricular activities or prevention of authorized guests from carrying out the purpose for which they are on District property.
22. Sexual assault and sexual exploitation as defined in Education Code section 76033(g), (h).
23. Misconduct where good cause exists (Education Code Section 76033).

District students who engage in any of the above are subject to the procedures outlined herein as authorized by AP 5520 Student Conduct Procedures.

Types of Student Conduct Action

Student Conduct actions that may be imposed for violations of the Student Code of Conduct include the following:

- Warning: Written or oral notice to the student that continuation or repetition of misconduct may be cause for further Student Conduct action.
- Student Conduct Probation: Specific period of conditional participation in campus and academic affairs that may involve exclusion from designated privileges or extracurricular activities. If a student violates any condition of probation, or is charged a second time with a violation of the Standards of Student Conduct during the probationary period, it shall be grounds for revocation of the student's probationary status and for further Student Conduct action to be taken in accordance with these procedures.
- Removal from Class by Instructor (Education Code 76032): An instructor may remove, for good cause, any student from his or her class for up to two (2) class sessions. The student shall not return to the class during the period 7 of the removal without concurrence of the instructor, and if required the consent of the CSSO or designee. Nothing herein will prevent the College President or Designee or CSSO from recommending further Conduct in accordance with these procedures based on the facts that led to the removal. As used in this rule, "good cause" includes those offenses listed in the Student Code of Conduct. The instructor shall immediately report the removal to the respective Division Administrator and to the College President or designee. If the student is a minor, the College President or designee shall schedule a conference with the student and the student's parent or guardian regarding the removal. Instructors are not obliged to provide makeup opportunities for class work, including quizzes, tests or examinations, missed during the two (2) class periods of removal.
- Suspension or Termination of Financial Aid: In the event a student is suspended for willfully and knowingly disrupting the orderly operation of the campus, this action will result in ineligibility for State Financial Aid, as defined in Education Code Sections 69810 and 69813, for the period of suspension.
- Immediate Interim Suspension: The College President, the President's designee, or the CSSO may order immediate suspension of a student when he or she concludes that immediate interim suspension is required to protect lives or property and to ensure the maintenance of order. A reasonable opportunity shall be afforded the suspended person to have a hearing within ten (10) days of the time that the CSSO or designee, or the College President became aware of the infraction unless mutually agreed upon by the student and the designated Administrator that more time is required. In cases where an immediate interim suspension has been ordered, the time limits contained in these procedures shall not apply, and all hearing rights, including the right to a formal hearing where a long-term suspension or expulsion is recommended, will be afforded to the student according to the provisions above. In the event that a student does not request a hearing within the ten (10) days or contact the College President, CSSO or his or her designee or Administrator, to establish a mutually agreed upon time for hearing, the College where the infraction occurred will proceed with a due process hearing twenty (20) days after the point that the aforementioned administrators became aware of the infraction with or without the accused student being present. Students placed on Immediate Interim Suspension shall have holds placed on all records and transcripts pending the outcome of the due process hearing (Education Code Section 66017). Instructors are not obliged to provide makeup opportunities for class work, including quizzes, tests or examinations, missed during the period of suspension.
- Short-term Suspension: Temporary exclusion from student status, or other privileges or activities, for one (1) or more classes for a period of up to ten (10) consecutive days of instruction. Faculty members are not obliged to provide makeup opportunities, including quizzes, tests or examinations, for class work missed during the period of suspension.
- Long-term Suspension: Temporary exclusion from student status, or other privileges or activities, for the remainder of the current semester and/or one or more terms. Instructors are not obliged to provide makeup opportunities for class work missed, including quizzes, tests or examinations, during the period of suspension. If any student is suspended or expelled from the GCCCD, he or she shall not be present on any of the campuses or at the District Office without authorization from the College President, CSSO, or the District Vice Chancellor of Human Resources and must be escorted by a District Public Safety officer. The student may not attend any official campus sanctioned events or activities during the term of the suspension.
- Expulsion Subject to Reconsideration: Permanent termination of student status, subject to reconsideration by the Board of Trustees after a specified length of time. Reconsideration may be requested in accordance with the procedure for Reconsideration.
- Permanent Expulsion: Permanent termination of student status. There shall be no right of reconsideration of a permanent expulsion

at any time. On its own motion, the Board of Trustees may reconsider such actions at any time.

- Restitution: Appropriate restitution shall be sought from any student found responsible of theft, vandalism, or willful destruction of District or College property.
- Educational Sanctions: Educational sanctions may be assigned instead of, or in addition to those specified in this section at the discretion of the Administrator. Educational sanctions may include, but are not limited to, reflection papers, participation in alcohol or drug education programs, or meeting with college officials.
- Community Service: Community Service may be assigned instead of, or in addition to, those specified in this section at the discretion of the Administrator. Community Services assignments will require a student to perform unpaid work of benefit to the College community. Community Service provides an opportunity for the student to contribute positively to their community. The assigned tasks shall support and supplement services existing on campus. The Dean of Student Affairs shall approve the community service site. Student must present hours to the Dean of Student Affairs upon completion.
- Referral: A student may be referred by the Administrator to any college/community resource deemed necessary for assistance of the student.

Sexual Assault

If you are a victim of sexual assault (rape, sexual violence or stalking), please contact Student Affairs at 619-644-7600 or visit Griffin Center (building 60), room 204. Student Affairs will provide students with campus and community resources. In addition, students will be provided guidance on reporting options.

For all emergencies, please contact 911.

For additional information visit:

- Student Health & Wellness: https://www.grossmont.edu/student-support/health-and-wellness/
- GCCCD Public Safety: https://www.gcccd.edu/public-safety/index.php (https://www.gcccd.edu/public-safety/)
- GCCCD Title IX website: https://www.gcccd.edu/title-ix/default.html (https://www.gcccd.edu/human-resources/title-ix/)
- Grossmont College Title IX website: https://www.grossmont.edu/student-support/student-affairs/title-ix.php (https://www.grossmont.edu/student-support/student-affairs/title-ix.php)

Any sexual assault or physical abuse, including, but not limited to, rape, as defined by California law, whether committed by an employee, student, or member of the public, occurring on Grossmont-Cuyamaca Community College District property, in connection with all the academic, educational, extracurricular, athletic, and other programs of the District, whether those programs take place in the District's facilities or at another location, or on an off-campus site or facility maintained by the District, or on grounds or facilities maintained by a student organization, is a violation of District policies and regulations, and is subject to all applicable punishment, including criminal procedures and employee or student conduct procedures (AP3540).

Student Grievance and Due Process

The Student Grievance and Due Process procedures are designed to provide a prompt and equitable process for addressing student allegations of an unjustified action or decision by a member of the campus community. It is the responsibility of the student to provide proof of the alleged unfair or improper action which affected his or her status, right or privileges.

For additional information including applicable timelines, and/or a copy of the Student Grievance and Due Process Procedures, please contact Student Affairs at (619) 644-7600. Information may be found online at: https://www.grossmont.edu/student-support/student-affairs/student-rights-and-responsibilities.php

Process Summary

Step 1: The student contacts the individual he/she believes has committed an unfair or improper action in order to convey his/her concern and seek a solution.

Step 2: If the issue is not resolved by an informal discussion, the student contacts the individual's immediate supervisor, chair, or coordinator for possible resolution of the matter.

Step 3: If the matter is still not resolved the student contacts the appropriate administrative dean's office for possible resolution of the issue.

Step 4: If the student and dean are unable to resolve the issue, the student may contact the Dean of Student Affairs to discuss student due process rights and the grievance procedures.

The student should maintain a record of all correspondence, meetings and discussions in each step of the resolution process.

If the issue in question is a grade for a course see Final Grades section.

Complaint Process

Grossmont College takes pride in providing quality service. Whenever possible, complaints are handled locally/departmentally and are routed through the next review level as necessary. The desired outcome of this process is that the complaint be resolved at the most local level, with an opportunity for the complainant to pursue the matter at the next highest level if the proposed solution is not satisfactory or if no resolution is possible. More information about the college-wide complaint process is available online at https://www.grossmont.edu/ keyword: complaint or via Student Affairs.

Although it is our goal to resolve complaints at the campus level, there may be times when a complainant is not satisfied with the outcome. In these situations, the complainant is encouraged to contact the California Community College Chancellor's Office at https://www.cccco.edu/Complaint-Process-Notice (https://www.cccco.edu/Complaint-Process-Notice/).

To submit a complaint pertaining to the institution's compliance with academic program quality and accrediting standards, please submit the information to the Accrediting Commission for Community and Junior Colleges (ACCJC), which accredits the academic programs of the California Community Colleges. The link to submit your complaint may be found at: https://www.accjc.org/complaint-process (https://www.accjc.org/complaint-process/).

Student Right-to-Know Rates for Fall 2018 Cohort

Completion Rate: 29.60 %

Transfer Rate: 11.87 %

In compliance with the Student Right-to-Know and Campus Security Act of 1990 (Public Law 101-542), it is the policy of our college district to make available its completion and transfer rates to all current and

prospective students. Beginning in Fall 2018, a cohort of all certificate-, degree-, and transfer-seeking first-time, full-time students were tracked over a three year period. Their completion and transfer rates are listed above. These rates do not represent the success rates of the entire student population at the College nor do they account for student outcomes occurring after this three year tracking period.

Based upon the cohort defined above, a Completer is a student who attained a certificate or degree or became 'transfer prepared' during a three year period, from Fall 2018 to Spring 2021. Students who have completed 60 transferable units with a GPA of 2.0 or better are considered 'transfer prepared'. Students who transferred to another post-secondary institution, prior to attaining a degree, certificate, or becoming 'transfer prepared' during a five semester period, from Spring 2019 to Spring 2021, are transfer students.

Unit Value and Student Load

A conventional college unit of credit represents three hours of the student's time each week for one semester: one hour in scheduled classroom lecture or discussion and two hours in outside preparation. For laboratory, the college unit represents three hours of work in a laboratory or in a comparable experience under classroom supervision. Unit value may differ in certain courses where work experience is involved.

The maximum number of units in which a student may enroll is 18. Overloads (no more than two additional units) must be approved by a counselor. Requests for excessive unit overloads (21 or more units) will require an appointment with the Dean of Counseling Services. A copy of all college transcripts will be reviewed prior to the appointment.

Minimum Load

The college does not specify a minimum load except when the student desires to meet certain requirements such as:

1. Certification to the Department of Health, Education and Welfare that the student is attending full-time. Requirement: 12 or more units per semester, but a student should average 30 units per year.
2. The load requirements for Chapters 31, 32 and 34 (Veterans) and for Chapter 35 (War Orphans and Widows) are:

Time	Units
Fall/Spring Semester	
Full-time	12
Three-fourths time	9-11.5
One-half time	6-8.5
Summer Session	8

   Calculated on an individual class basis. Contact the Veterans Office on campus for detailed information.
3. The load requirements for Financial Aid students are:

Time	Units
Fall/Spring/Summer Semester	
Full-time	12
Three-fourths time	9-11.5
One-half time	6-8.5
Less than one-half time	5-5.5

4. Full-time load to maintain status as an "F-1" visa international student. Requirement: 12 or more units per semester.
5. Eligibility to participate in Pacific Coast Conference intercollegiate athletics. Requirement: 12 or more units in courses for which **new** units of credit may be earned. Students should see Pacific Coast Conference and Grossmont College regulations for additional requirements.
6. Eligibility to participate in student government as an office holder or in intercollegiate activities other than athletics. Requirement: seven or more units during the semester of participation. Students should consult the student handbook or the Dean of Student Affairs for additional requirements.

Withdrawal from College

You may withdraw from college by using Self-Service (https://selfservice.gcccd.edu/Student/) or by filing a drop card in the Admissions and Records Office. This must be done before the deadline to drop each of your classes.

You may file a petition in the Admissions and Records Office after the final drop deadline, should a verified medical condition require a complete withdrawal. A medical withdrawal includes a W grade.

Work Experience Requirements

The unit value for work experience or field experience is one unit for each five hours of work experience per week completed during the course. The maximum work experience units allowable in one semester are four. In order to participate in Cooperative Work Experience Education, students must enroll in an official work experience course and follow all regulations as specified in Title 5, Section 55254.

Degree Requirements, General Education & Transfer Information

Degrees

Grossmont College provides occupational as well as general education for the student who plans to complete formal education at the community college level. In addition, the College provides the lower division requirements in general education and in preprofessional majors for those students who plan to transfer to upper-division colleges and universities.

To assist the student in educational planning, this section of the catalog describes the graduation requirements for the Associate in Arts and Associate in Science degrees, Associate Degrees for Transfer, the requirements for certificate programs and information on transfer requirements.

Students may follow the catalog under which they enter, or any subsequent catalog, as long as they are in continuous attendance. A student not in continuous attendance must meet degree requirements listed in the catalog in effect at the time of readmission.

Associate Degree Requirements

Granting of the Associate in Arts Degree, or the Associate in Science Degree to a student indicates successful completion of general education requirements plus evidence of proficiency in a specialized field. In addition, certificates are available to those who have attained well-defined levels of competency in designated academic/occupational areas. As a member of the Western Association of Schools and Colleges and the National Commission on Accrediting, many courses taken at Grossmont College are fully accepted as transferable to the University of California, the California State University and by most independent four-year colleges and universities throughout the United States.

Grossmont College will confer the Degree of Associate of Arts or Associate of Science for students who successfully complete the following requirements. Please note that requirements Associate Degrees for Transfer may slightly differ per regulations.

I. Minimum Units

A minimum of 60 degree applicable semester units of Associate Degree credit college work.

II. Grade Point Average (GPA)

Achievement of a “C” (2.0) grade point average in all Associate Degree credit college work presented to meet degree requirements.

1. If units accumulated beyond those required for the associate degree lower a student’s cumulative grade point average below 2.0, then the student may request to have their grade point average computed solely on those courses used to satisfy the degree requirements, provided that the coursework used to compute the grade point average fulfill all major/area of emphasis and general education requirements.

III. Grades

Achievement of a “C” grade or better or a "P"[1] in all courses counted towards a major requirement.

IV. Residency

1. Students enrolled at Grossmont College during the semester in which they will have met all graduation requirements may obtain their degree from Grossmont College if they have satisfactorily completed at least 12 degree applicable semester units in the District. Credit for Prior Learning or Career Technical Preparation shall not count toward the residence requirement for graduation.

V. Catalog Rights

The courses required for a specific degree or certificate, or general education may change from one catalog to the next and, therefore, may change during the period that a student attends the college. Catalog rights protect the student from being held to additional requirements that may be added to a later catalog.

For purposes of graduation from Grossmont College a student who maintains continuous enrollment in a California Community College, California State University, or a University of California campus may elect to meet catalog requirements in one of the following ways:

1. The catalog that was in effect at the time they began taking courses at Grossmont Cuyamaca Community College District, or another California Community College, California State University, or a University of California campus, or

2. Any catalog that is or has been in effect during the time that they have maintained continuous enrollment before graduation, or

3. The catalog that is in effect at the time they file an application for a degree or certificate.

Retroactive Awards: Students who are no longer enrolled at Grossmont and who have previously met all the requirements for a degree or certificate, but never applied for graduation shall, upon request:

- Be awarded the degree or certificate without the need to re-enroll at the college
- Be awarded retroactively the degree or certificate in the last term in which the student maintained catalog rights

Continuous Enrollment: Continuous Enrollment is defined as attendance in one semester or two quarters within an academic year at a California Community College, California State University, or a University of California campus. An official grade (e.g. A,B,C,D, F,W, EW, P,NP, Inc.), must be noted on the permanent record or official transcript. Students who do not attend at least one semester during an academic year or miss two consecutive semesters are not eligible for “continuing student” status. Summer sessions can be used to establish catalog rights as well as to maintain continuous enrollment status.

Exception: Students of the Allied Health and Nursing Division – catalog rights are based on entrance to that particular program.

Certification of a student’s completion of transfer general education requirements is not a graduation requirement. Therefore, students do not have catalog rights to a certification pattern used by a certifying institution or a CSU or UC campus.

High School Students who plan to transfer to a four-year college or university after taking the first two years of academic work at a community college should be aware that high school preparation normally must include, as a minimum, the following: English, four years; Math, three years, to include a minimum of Beginning Algebra,

Intermediate Algebra, and Geometry. In addition, the University of California requires two years of a foreign language as well as U.S. History, government, and a laboratory science. In the event that the student, at the time of graduation from high school, lacks one or more of these prerequisites, they may be completed in a community college. The student should realize that it is advantageous to have chosen, at the time of enrollment, the four-year institution to which he/she contemplates transfer. More information on transferring to a four-year college or university is available in the Counseling and Transfer Centers.

VI. General Education

The general education requirement can be satisfied through completion of the local general education pattern (Plan A) or completion of the requirements for an approved lower-division general education pattern used for transfer to the University of California and California State University (Plan B). General Education course choices for the associate degree and transfer may differ between Cuyamaca and Grossmont College. Each college strongly recommends that students visit the Counseling Centers for specific information if they plan to attend both campuses. Students taking units in a general education area at one college within the district may use the units in the same area at the other college in the district.

The following majors are considered "high unit" and exempt from completing Plan A - Area 7A and 7B.

- Cardiovascular Technology
- Nursing
- Occupational Therapy Assistant
- Orthopedic Technology
- Respiratory

VII. Major Requirements

See “Associate Degree Programs and Certificates” for the major areas for the AS and AA degrees.

Program Student Learning Outcomes

Programs at Grossmont College have developed specific outcomes to convey the knowledge, skills, and abilities students will obtain upon completion of his or her major. The Program Outcomes are listed with the description of the major.

VIII. Associate in Arts for Transfer (AA-T) or Associate in Science for Transfer (AS-T)

California Community Colleges offer Associate Degrees for Transfer to the CSU. These include Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T) degrees. These degrees are designed to provide a pathway to a CSU major and baccalaureate degree. California Community College students who are awarded an AA-T or AS-T degree and complete the CSU application process successfully are guaranteed admission with junior standing to the CSU system. Students also receive priority admission consideration to their local CSU campus. This priority does not guarantee admission to specific campuses or majors.

Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester or 90 quarter units at the California State University campus.

Associate Degrees for Transfer are listed in the Associate Degree Programs section of this catalog along with the degree requirements. To find out which CSU campuses accept each degree and to review their options for transfer, students are encouraged to visit the Transfer Center or meet with a counselor. Additional information and updates are also available on the Articulation website: https://www.grossmont.edu/articulation (https://www.grossmont.edu/articulation/).

Reciprocity

1. For those students who come to Grossmont College having already begun an AA-T or AS-T at another California Community College in a particular area of study and having already completed courses as stipulated by that college for that AA-T or AS-T, Grossmont will accept any courses listed on the Transfer Model Curriculum (TMC), even if they are different from those stipulated by Grossmont College.
2. For those students who begin their AA-T or AS-T at Grossmont College, Grossmont will accept those courses stipulated by Grossmont College for their AA-T or AS-T.

AB 928 - Student Transfer Achievement Reform Act

The Student Transfer Achievement Reform Act of 2021, AB 928, directs the California Community Colleges to place students on an Associate Degree for Transfer pathway if students declare a goal of transfer and an ADT major exists. AB 928 also requires colleges to utilize a singular general education pattern that ensures students will meet academic eligibility and sufficient academic preparation for transfer admission to both the California State University (CSU) and the University of California (UC). Effective as of this catalog, 2025-2026, the general education pattern is recognized as “Cal-GETC” or “Plan B”. The updated terminology will be used in all official academic materials and CSU General Education and Intersegmental General Education Transfer Curriculum have been removed. Students who meet catalog rights and continuous attendance may utilize CSU GE and/or IGETC for their plan of study. Please meet with a Counselor for more information and to determine whether your educational plan and major require updates.

IX. Certificates of Achievement

A Certificate of Achievement may be awarded upon successful completion of a prescribed course of study. To qualify for such a certificate, a student must:

1. Complete all courses for a particular certificate which are listed in the Associate Degree program section of this catalog.
2. A “C” grade or higher or "Pass" is required for all courses taken at Grossmont College or elsewhere, which are to be applied toward the certificate.
3. Satisfactorily complete at least one required course at Grossmont College during the semester in which the certificate is earned. All courses taken for the certificate must be graded courses (except for University Studies.)
4. File an application for the certificate of achievement in the Admissions and Records Office at the beginning of the semester in which the requirements will be completed. (See calendar in front of this catalog for exact deadline.)
5. Students may follow the catalog under which they enter, or any subsequent catalog, as long as they are in continuous attendance. A student not in continuous attendance must meet the certificate requirements listed in the catalog in effect at the time of readmission.

X. Certificates of Proficiency

Certificates of Proficiency are designed for the student who needs to be prepared for an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. These certificates will not appear on a student’s transcript. Completion

of a Certificate of Proficiency does not entitle a student to participate in the commencement ceremony. To receive a Certificate of Proficiency, a student must:

1. Complete all courses listed for the certificate in the Associate Degree Programs and Certificates section of this catalog.
2. Achieve a "C" grade or higher or "Pass" in all courses which are to be applied toward the certificate.
3. Complete the last course required at Grossmont College.
4. File an application for the certificate of achievement in the Admissions and Records Office at the beginning of the semester in which the requirements will be completed. (See calendar in front of this catalog for exact deadline.)
5. Students may follow the catalog under which they enter, or any subsequent catalog, as long as they are in continuous attendance. A student not in continuous attendance must meet the certificate requirements listed in the catalog in effect at the time of readmission.

XI. General Studies Major Requirements

Grossmont College recognizes that the educational program of any one student should be composed of courses of study meaningful and appropriate to their own lifestyle. In order to facilitate this concept, the college provides for maximum flexibility in combining courses for the general studies majors. In this way, the student may design a major which is the best preparation for citizenship, personal development or employment. If the student wishes to meet the requirements for a particular major at a selected four-year college or university, the course of study the student designs would be influenced by the pattern suggested in the current catalog of the specific transfer institution. General Studies majors are outlined in the Associate Degree section of the catalog. General Studies degrees must be completed utilizing the AA/AS General Education pattern, Plan A.

XII. Academic/Occupational Major Requirements

Grossmont College has developed career programs which reflect the needs of the community. The endless effort to continue dynamic program improvement and the development of career education has become an essential way of life in order to meet the needs of today's society. The opportunities for career education at Grossmont College are excellent for all who wish to become more self-sufficient or who wish to advance in their present fields.

Many of the units earned in career programs at Grossmont College are accepted toward the Bachelor's Degree at four-year institutions. Persons who would like to discuss career planning should consult with a counselor and/or representative of the department in which they have special interest. This should be accomplished early and, if possible, prior to registration. Career programs are outlined in the catalog, or in various brochures available in the Counseling Center.

The emphasis on career planning and education at Grossmont College is evidenced by the number of available programs leading to the Associate Degree. In curriculum planning for career education, citizens' advisory committees, composed of persons from various fields of specialization, give of their time in order to ensure quality courses that specifically prepare for proficiencies essential to employment, retention on the job, and for living a more productive and full life.

The technical-vocational major is a program of 18 or more units designed to complete all course requirements designated by the department in a single area of concentration. Such a major shall be stated on the degree. These courses must be taken for a letter grade unless designated Pass/No Pass only.

XIII. Additional Associate Degree(s)

Additional associate degrees may be earned under the following conditions:

1. Having received an A.A. or A.S. Degree, a student may qualify for an A.A or A.S. Degree in other fields with the exception of the General Studies Degree.
2. Having received an A.A. or A.S. degree in University Transfer Studies a student is not eligible to receive an additional University Studies degree at Grossmont College.
3. Having received a Bachelor's Degree or higher, a student may qualify for an A.A. or A.S. Degree in other fields with the exception of the General Studies Degree or the University Studies Degree.
4. Having met all general education requirements as specified in this catalog and completed a minimum of 12 units in the major at Grossmont College subsequent to the preceding degree(s), with the exception of an Associate Degree for Transfer (ADT).

XIV. Multiple Majors

Multiple majors are different from additional associate degrees (see Section X) in that the student with a multiple major works simultaneously toward the completion of more than one major. An Associate in Science or Associate in Arts Degree with a multiple major can be earned by completion of all general education requirements plus the courses required for the majors as outlined in this catalog under Associate Degree Programs at Grossmont College. A General Studies Major cannot be included as part of the multiple major within the Grossmont-Cuyamaca Community College District. Students are not eligible to receive multiple University Studies degrees.

XV. Application for Graduation

It is the responsibility of the student who expects to graduate to have all college transcripts on file prior to filing an application for graduation on a form provided by the Admissions and Records Office. The application should be filed prior to the deadline for the semester in which the student plans to complete requirements for a degree.

A student not in continuous attendance at Grossmont College should be aware that he/she must meet degree requirements listed in the catalog in effect at the time of re-admission. The student may choose to meet requirements in a catalog published after his/her re-admission provided he/she remains in continuous attendance.

[1] A grade of "P" (Pass) represents a "C" grade or better.

General Education

Students earning the Associate in Science or the Associate in Arts degree have two general education patterns from which to choose.

Plan A: Completion of Grossmont College General Education Requirements.

Plan B: Completion of the California General Education Transfer Curriculum (Cal-GETC) for the California State University or the University of California.

General Education Philosophy

General education is the foundation of the Associate Degree and is designed to introduce students to diverse ways of understanding the modern world. It reflects the conviction that all degree recipients share a fundamental grasp of key principles, concepts, and methodologies both unique to and shared across disciplines.

Recipients of an Associate Degree will be equipped to:

- think critically
- communicate clearly and effectively in both oral and written discourse
- use quantitative reasoning
- apply diverse modes of inquiry of the major disciplines
- develop cultural and historical awareness
- gain insights through experience with analyzing ethical problems
- cultivate self-understanding

Through general education, students acquire the skills necessary to evaluate and appreciate their physical environment, culture, and society. Finally, it fosters intellectual growth and lifelong learning.

Plan A: General Education Requirements (AA/AS)

Area 1 – English Composition, Oral Communication, and Critical Thinking

Two courses (a minimum of six semester units) are required. At least **one** course must be taken from **each** section.

Code	Title	Units
1A. English Composition [1]		
ENGL-C1000	Academic Reading and Writing	3
ENGL-C1001	Critical Thinking and Writing	3
ESL-122	College Rhetoric	6
1B. Oral Communication and Critical Thinking[1]		
COMM-C1000	Introduction to Public Speaking	3
COMM-120	Interpersonal Communication	3
COMM-130	Fundamentals of Human Communication	3
COMM-137	Critical Thinking in Group Communication	3
COMM-145	Argumentation	3
GEOG-104	Introduction to Geographic Information Science	3
PHIL-125	Critical Thinking and Philosophical Composition	3

[1] Must be completed with a "C" grade or higher or "Pass" to satisfy the grade requirement.

Area 2 – Mathematical Concepts and Quantitative Reasoning

One course (a minimum of three semester units) is required.

Code	Title	Units
ANTH-215	Statistics for the Behavioral Sciences	4
BIO-215	Statistics for Life Sciences	3
CSIS-240	Discrete Structures	3
CSIS-250	Introduction to Python Programming	4
CSIS-290	Introduction to C# Programming	4
CSIS-293	Introduction to Java Programming	4
ECON-215	Statistics for Business, Economics, and Social Sciences	4
MATH-120	Quantitative Reasoning	3
MATH-125	Structure and Concepts of Elementary Mathematics I	3
MATH-126	Structure and Concepts of Elementary Mathematics II	3
MATH-170	Analytic Trigonometry	3
MATH-175	College Algebra	4
MATH-176	Precalculus: Functions and Graphs	6
MATH-178	Calculus for Business, Social and Behavioral Sciences	4
MATH-180	Analytic Geometry and Calculus I	5
MATH-245	Discrete Mathematics	3
MATH-280	Analytic Geometry and Calculus II	4
MATH-281	Multivariable Calculus	4
MATH-284	Linear Algebra	3
MATH-285	Differential Equations	3
PHIL-130	Logic	3
PSC-120	Fundamentals of Scientific Computing (MATLAB)	4
PSY-215	Statistics for the Behavioral Sciences	4
SOC-215	Statistics for the Behavioral Sciences	4
STAT-C1000	Introduction to Statistics	4

[1] Must be completed with a "C" grade or higher or "Pass" to satisfy the grade requirement.

[2] Area 2 can be satisfied with successful completion (grade of "C" or better or "Pass") of an intermediate algebra course or any transferable mathematics course (minimum of 3 semester units). Meet with a Counselor for more information.

Area 3 – Arts and Humanities

One course (a minimum of three semester units) is required.

Code	Title	Units
ASL-120	American Sign Language I	4
ASL-121	American Sign Language II	4
ASL-140	Inside Deaf Culture	3
ASL-220	American Sign Language III	4
ASL-221	American Sign Language IV	4
ARBC-121	Arabic II	5
ARBC-120	Arabic I	5
ARBC-122	Arabic for the Arabic Speaker I	5
ARBC-123	Arabic for the Arabic Speaker II	5
ARBC-148	Language, Culture, and Literature of the Arab World	3
ARBC-220	Arabic III	5
ARBC-221	Arabic IV	5
ARBC-250	Conversational Arabic I	3

ARBC-251	Conversational Arabic II	3
ART-100	Art Appreciation	3
ART-120	Two-Dimensional Design	3
ART-124	Drawing I	3
ART-126	Ceramics I	3
ART-129	Three-Dimensional Design	3
ART-140	Survey of Western Art I: Prehistory Through Middle Ages	3
ART-141	Survey of Western Art II: Renaissance Through Modern	3
ART-142	Art of Africa, Oceania and the Americas	3
ART-143	Modern Art	3
ART-145	Contemporary Art	3
ART-146	Asian Art	3
ART-147	American Art	3
ART-171	Introduction to Digital Art	3
CHIN-120	Chinese I	5
CHIN-121	Chinese II	5
CHIN-220	Chinese III	5
CHIN-221	Chinese IV	5
CHIN-250	Conversational Chinese I	3
CHIN-251	Conversational Chinese II	3
COMM-135	Oral Interpretation of Literature	3
COMM-144	Communication Studies: Race and Ethnicity	3
DANC-110	Dance History	3
DANC-120	Dance Appreciation	3
ENGL-122	Introduction to Literature	3
ENGL-126	Introduction to Creative Writing	3
ENGL-134	Creative Nonfiction Writing I	3
ENGL-135	Creative Nonfiction Writing II	3
ENGL-136	Creative Nonfiction Writing III	3
ENGL-137	Creative Nonfiction Writing IV	3
ENGL-201	Women, Gender, and Sexuality in Literature	3
ENGL-203	Children's Literature	3
ENGL-215	Mythology	3
ENGL-217	Fantasy and Science Fiction	3
ENGL-218	Shakespeare - His Plays and the Theatre of His Time	3
ENGL-219	Death and Dying in Literature	3
ENGL-221	British Literature I	3
ENGL-222	British Literature II	3
ENGL-231	American Literature I	3
ENGL-232	American Literature II	3
ENGL-236	Chicana/o Literature	3
ENGL-237	American Indian Literature	3
ENGL-238	Black Literature	3
ENGL-239	Asian American Literature	3
ENGL-271	World Literature II	3
ENGL-277	Literary Theme	3
ESL-115	Exploring U.S. Cultures	6
ETHN-126	Chicano/Chicana and Mexican Art	3
ETHN-127	La Chicana	3
ETHN-134	Introduction to American Indian Art	3
ETHN-143	Images of Black Women	3
ETHN-144	Communication Studies: Race and Ethnicity	3
ETHN-236	Chicana/o Literature	3
ETHN-237	American Indian Literature	3
ETHN-238	Black Literature	3
ETHN-239	Asian American Literature	3
FREN-120	French I	5
FREN-121	French II	5
FREN-152	The French-Speaking World: A Cross- - Cultural Perspective	3
FREN-220	French III	5
FREN-221	French IV	5
FREN-250	Conversational French I	3
FREN-251	Conversational French II	3
GERM-120	German I	5
GERM-121	German II	5
GERM-220	German III	5
GERM-221	German IV	5
GERM-250	Conversational German I	3
GERM-251	Conversational German II	3
HIST-100	Early World History	3
HIST-101	Modern World History	3
HIST-103	Twentieth Century World History	3
HIST-105	Early Western Civilization	3
HIST-106	Modern Western Civilization	3
HIST-113	American Military History	3
HIST-126	History of Mexico	3
HIST-135	Ancient History of Western Civilization	3
HIST-136	Survey of Medieval History	3
HIST-137	History of East Asia	3
HIST-148	The Modern Middle East	3
HUM-110	Principles of the Humanities	3
HUM-120	European Humanities	3
HUM-125	Women and Western Culture	3
HUM-130	East Asian Humanities	3
HUM-135	Blues as Literature, History, and Culture	3
HUM-140	Humanities of the Americas	3
HUM-160	Humanities of the Future	3
HUM-170	Modern World Humanities	3
ITAL-120	Italian I	5
ITAL-121	Italian II	5
ITAL-220	Italian III	5
ITAL-221	Italian IV	5
ITAL-250	Conversational Italian I	3
ITAL-251	Conversational Italian II	3
JAPN-120	Japanese I	5
JAPN-121	Japanese II	5
JAPN-149	Japanese Culture and Civilization	3
JAPN-220	Japanese III	5
JAPN-221	Japanese IV	5

JAPN-250	Conversational Japanese I	3
JAPN-251	Conversational Japanese II	3
MCOM-111	Introduction to Film Analysis	3
MUS-110	Great Music Listening	3
MUS-111	The History of Jazz	3
MUS-115	The History of Rock Music	3
MUS-116	Introduction to World Music	3
MUS-117	Introduction to Music History and Literature	3
MUS-123	History of Hip Hop Culture	3
MUS-189	Multimedia and the Creative Arts	3
PHIL-110	A General Introduction to Philosophy	3
PHIL-111	Philosophy and Popular Culture	3
PHIL-115	History of Philosophy I: Ancient and Medieval	3
PHIL-117	History of Philosophy II: Modern and Contemporary	3
PHIL-140	Problems in Ethics	3
PHIL-141	Bioethics	3
PHIL-145	Social and Political Philosophy	3
PHIL-150	The Philosophy of Art	3
PHIL-155	The Philosophy of Science	3
PHIL-160	Latin American Philosophy	3
PHOT-150	Introduction to Photography	3
PHOT-154	History of Photography	3
RELG-110	Introduction to the Study of Religion	3
RELG-120	World Religions	3
RELG-130	Scriptures of World Religions	3
RELG-140	Religion and Culture	3
RELG-150	Asian Religions	3
RELG-170	Introduction to Christianity	3
RUSS-120	Russian I	5
RUSS-121	Russian II	5
RUSS-220	Russian III	5
RUSS-221	Russian IV	5
RUSS-250	Conversational Russian I	3
RUSS-251	Conversational Russian II	3
SPAN-120	Spanish I	5
SPAN-121	Spanish II	5
SPAN-122	Spanish for the Native Speaker I	5
SPAN-123	Spanish for the Native Speaker II	5
SPAN-141	Spanish and Latin American Cultures	3
SPAN-145	Hispanic Civilizations	3
SPAN-220	Spanish III	5
SPAN-221	Spanish IV	5
SPAN-250	Conversational Spanish I	3
SPAN-251	Conversational Spanish II	3
THTR-101	Introduction to Narrative Theory	3
THTR-110	Introduction to the Theatre	3
THTR-130	Acting I	3
THTR-143	Historic Costume for the Theatre	3
THTR-144	20th Century Fashion and Costume	3
THTR-205	The American Musical on Stage and Screen	3

Area 4 – Social and Behavioral Sciences

One course (a minimum of three semester units) is required.

Code	Title	Units
AOJ-110	Introduction to Administration of Justice	3
ANTH-120	Cultural Anthropology	3
ANTH-122	Anthropology of Magic, Witchcraft, and Religion	3
ANTH-127	Cultures of Latin America	3
ANTH-140	Introduction to Archaeology	3
CD-115	Changing American Family	3
CD-125	Child Growth and Development	3
CD-131	Child, Family and Community	3
CD-134	Health, Safety and Nutrition of Young Children	3
CD-145	Child Abuse and Family Violence in Our Society	3
CD-153	Teaching in a Diverse Society	3
COMM-124	Intercultural Communication	3
COMM-126	Communication Studies: Health and Wellness	3
COMM-128	Global Communication	3
ECON-110	Economic Issues and Policies	3
ECON-120	Principles of Macroeconomics	3
ECON-121	Principles of Microeconomics	3
ETHN-107	History of Race & Ethnicity in the United States	3
ETHN-114	Introduction to Race & Ethnicity	3
ETHN-115	Introduction to Cultural Competence	3
ETHN-118	U.S. History: Chicano/Chicana Perspectives I	3
ETHN-119	U.S. History: Chicano/Chicana Perspective II	3
ETHN-125	Cross-Cultural Psychology	3
ETHN-128	Introduction to Chicana/o Studies	3
ETHN-130	U.S. History and Cultures: Native American Perspectives I	3
ETHN-131	U.S. History and Cultures: Native American Perspectives II	3
ETHN-135	San Diego County American Indian Tribes	3
ETHN-137	American Indian Culture and Heritage	3
ETHN-138	The History and Cultures of California Indians	3
ETHN-145	Introduction to Black Studies	3
ETHN-160	U.S. History: Asian American and Pacific Island American Perspectives I	3
ETHN-161	U.S. History: Asian American and Pacific Island American Perspectives II	3
ETHN-180	U.S. History: Black Perspectives I	3
ETHN-181	U.S. History: Black Perspectives II	3
FS-115	Changing American Family	3
FS-120	Human Development	3

GEND-116	Introduction to Women's Studies	3
GEND-117	Introduction to LGBTQ Studies	3
GEND-154	Early History of Women in World Civilization	3
GEND-155	Modern History of Women in World Civilization	3
GEOG-100	Introduction to Global Studies	3
GEOG-101	Global Issues	3
GEOG-106	World Regional Geography	3
GEOG-130	Human Geography: The Cultural Landscape	3
GEOG-170	The Geography of California	3
HED-120	Personal Health and Lifestyles	3
HED-201	Introduction to Public Health	3
HIST-107	History of Race & Ethnicity in the United States	3
HIST-108	Early American History	3
HIST-109	Modern American History	3
HIST-114	Comparative History of the Early Americas	3
HIST-115	Comparative History of the Modern Americas	3
HIST-118	U.S. History: Chicano/Chicana Perspectives I	3
HIST-119	U.S. History: Chicano/Chicana Perspectives II	3
HIST-122	Women in Early American History	3
HIST-123	Women in Modern American History	3
HIST-124	History of California	3
HIST-130	U.S. History and Cultures: Native American Perspectives I	3
HIST-131	U.S. History and Cultures: Native American Perspectives II	3
HIST-154	Early History of Women in World Civilization	3
HIST-155	Modern History of Women in World Civilization	3
HIST-160	U.S. History: Asian American and Pacific Island American Perspectives I	3
HIST-161	U.S. History: Asian American and Pacific Island American Perspectives II	3
HIST-180	U.S. History: Black Perspectives I	3
HIST-181	U.S. History: Black Perspectives II	3
MCOM-110	Mass Media and Society	3
MCOM-210	Social Media in the Digital Age	3
MCOM-250	Introduction to Representation in the Media	3
NUTR-155	Introduction to Nutrition	3
NUTR-158	Nutrition for Fitness and Sports	3
NUTR-159	Cultural Aspects of Food and Nutrition	3
POSC-120	Introduction to Politics and Political Analysis	3
POSC-124	Introduction to Comparative Government and Politics	3
POSC-130	Introduction to International Relations	3
POSC-140	Introduction to California Governments and Politics	3
POSC-150	Introduction to Political Theory	3
POSC-160	Politics in Film	3
POLS-C1000	American Government and Politics	3
PSY-125	Cross-Cultural Psychology	3
PSY-132	Psychology of Health	3
PSY-134	Human Sexuality	3
PSY-138	Social Psychology	3
PSY-140	Physiological Psychology	3
PSY-150	Developmental Psychology	3
PSY-170	Abnormal Psychology	3
PSY-211	Cognitive Psychology	3
PSY-220	Learning	3
PSYC-C1000	Introduction to Psychology	3
RELG-165	Religion and American History	3
RELG-175	Religion, Government and Politics in America	3
SOC-114	Introduction to Race & Ethnicity	3
SOC-120	Introductory Sociology	3
SOC-125	Marriage, Family, and Alternate Lifestyles	3
SOC-130	Contemporary Social Problems	3
SOC-138	Social Psychology	3
SOC-140	Sex and Gender Across Cultures	3
SOC-150	Latinx Communities in the United States	3

Area 5 – Natural Sciences and Laboratory

One lecture course and cooresponding lab (a minimum of four semester units) required.

Code	Title	Units
ANTH-130	Introduction to Biological Anthropology [1]	3
ANTH-131	Biological Anthropology Laboratory [2]	1
ASTR-110	Descriptive Astronomy [1]	3
ASTR-112	General Astronomy Laboratory [2]	1
ASTR-120	Exploration of the Solar System [1]	3
BIO-105	Marine Biology	4
BIO-110	Environmental Biology	4
BIO-112	Contemporary Issues in Environmental Resources [1]	3
BIO-114	Heredity, Evolution and Society [1]	3
BIO-118	Introduction to Human Biology [1]	3
BIO-120	Principles of Biology	4
BIO-140	Human Anatomy	4
BIO-141	Human Physiology [1]	3
BIO-141L	Laboratory in Human Physiology [2]	1
BIO-144	Anatomy and Physiology I	4
BIO-145	Anatomy and Physiology II	4
BIO-152	Paramedical Microbiology	5
BIO-230	Principles of Cellular, Molecular and Evolutionary Biology	4
BIO-240	Principles of Ecology, Evolution and Organismal Biology	5
CHEM-102	Introduction to General, Organic and Biological Chemistry	5
CHEM-110	Environmental Chemistry [1]	3

CHEM-113	Forensic Chemistry	4
CHEM-115	Fundamentals of Chemistry	4
CHEM-116	Introductory Organic and Biochemistry	4
CHEM-117	Introductory Biochemistry	3
CHEM-120	Preparation for General Chemistry	4
CHEM-141	General Chemistry I	5
CHEM-142	General Chemistry II	5
CHEM-231	Organic Chemistry I	5
CHEM-232	Organic Chemistry II	5
GEOG-120	Physical Geography: Earth Systems [1]	3
GEOG-121	Physical Geography: Earth Systems Laboratory [2]	1
GEOG-140	Meteorology: Weather and Climate [1]	3
GEOL-104	Earth Science [1]	3
GEOL-110	Planet Earth [1]	3
GEOL-111	Planet Earth Laboratory [2]	1
GEOL-121	Earth History	4
GEOL-210	Geology of California [1]	3
GEOL-220	Geology of the National Parks [1]	3
GEOL-230	Natural Disasters [1]	3
OCEA-112	Introduction to Oceanography [1]	3
OCEA-113	Oceanography Laboratory [2]	1
PSC-100	Physical Science for Elementary Education [1]	3
PSC-110	Introduction to the Physical Sciences [1]	3
PSC-111	Introduction to Physical Sciences Laboratory [2]	1
PHYC-110	Introductory Physics	4
PHYC-130	Fundamentals of Physics	4
PHYC-131	Fundamentals of Physics	4
PHYC-201	Mechanics and Waves	5
PHYC-202	Electricity, Magnetism, and Heat	5
PHYC-203	Light, Optics, and Modern Physics	5
SCI-110	Introduction to Scientific Thought [1]	3

[1] Course does not contain a laboratory component.
[2] Course is laboratory only.

Area 6 - Ethnic Studies

One course (a minimum of three semester units) is required.

Code	Title	Units
ENGL-236	Chicana/o Literature	3
ETHN-107	History of Race & Ethnicity in the United States	3
ETHN-114	Introduction to Race & Ethnicity	3
ETHN-236	Chicana/o Literature	3
HIST-107	History of Race & Ethnicity in the United States	3
SOC-114	Introduction to Race & Ethnicity	3

Area 7 - Lifelong Learning, Wellness, and Exercise Science

Two courses (a minimum of four semester units) are required. At least **one** course must be taken from **each** section. Veterans or active military refer to "Veterans" in Admission Information (p. 18). Requirements for 7B can only be met from the dance and/or exercise science courses listed below.

Code	Title	Units
7A. Lifelong Learning and Wellness		
BUS-195	Principles of Money Management for Success	3
CD-125	Child Growth and Development	3
CD-145	Child Abuse and Family Violence in Our Society	3
COUN-120	College and Career Success	3
ENGL-219	Death and Dying in Literature	3
ETHN-127	La Chicana	3
FS-110	Life Management	3
FS-120	Human Development	3
FS-129	Introduction to Human Aging	3
HED-120	Personal Health and Lifestyles	3
HED-201	Introduction to Public Health	3
NUTR-155	Introduction to Nutrition	3
NUTR-158	Nutrition for Fitness and Sports	3
NUTR-159	Cultural Aspects of Food and Nutrition	3
NUTR-255	Science of Nutrition	3
PSY-132	Psychology of Health	3
PSY-134	Human Sexuality	3
PSY-140	Physiological Psychology	3
PSY-150	Developmental Psychology	3
PSY-180	Psychology of Interpersonal Skills	3
PSY-220	Learning	3
SOC-125	Marriage, Family, and Alternate Lifestyles	3
7B. Dance and Exercise		
DANC-068	Introduction to Dance	1.5
DANC-071A	Studio Workshop in Tap Dance I	1
DANC-071B	Studio Workshop in Tap Dance II	1
DANC-072A	Studio Workshop in Modern Dance I	1
DANC-072B	Studio Workshop in Modern Dance II	1
DANC-074A	Studio Workshop in Jazz Dance I	1
DANC-074B	Studio Workshop in Jazz Dance II	1
DANC-078A	Studio Workshop in Ballet I	1
DANC-078B	Studio Workshop in Ballet II	1
DANC-080A	Modern I	1.5
DANC-080B	Modern II	1.5
DANC-080C	Modern III	1.5
DANC-080D	Modern IV	1.5
DANC-081A	Tap I	1.5
DANC-081B	Tap II	1.5
DANC-081C	Tap III	1.5
DANC-081D	Tap IV	1.5
DANC-082A	Social and Ballroom Dance I	1.5

DANC-082B	Social and Ballroom Dance II	1.5
DANC-083A	Latin American Dance I	1.5
DANC-083B	Latin American Dance II	1.5
DANC-084A	Jazz I	1.5
DANC-084B	Jazz II	1.5
DANC-084C	Jazz III	1.5
DANC-084D	Jazz IV	1.5
DANC-088A	Ballet I	1.5
DANC-088B	Ballet II	1.5
DANC-088C	Ballet III	1.5
DANC-088D	Ballet IV	1.5
DANC-094A	Hip Hop I	1.5
DANC-094B	Hip Hop II	1.5
DANC-094C	Hip Hop III	1.5
DANC-094D	Hip Hop IV	1.5
DANC-099A	Studio Workshop in Pointe I	1
DANC-099B	Studio Workshop in Pointe II	1
DANC-099C	Studio Workshop in Pointe III	1
DANC-118A	Pilates I	1.5
DANC-118B	Pilates II	1.5
DANC-118C	Pilates III	1.5
DANC-118D	Pilates IV	1.5
ES-001	Adapted Physical Exercise	1
ES-002	Advanced Adapted Physical Exercise	1
ES-003	Adaptive Aerobic Fitness	1
ES-004A	Beginning Fitness for the Newcomer	1
ES-004B	Intermediate Fitness for the Newcomer	1
ES-004C	Advanced Fitness for the Newcomer	1
ES-005A	Beginning Cardio Fitness and Resistance Training	1.5
ES-005B	Intermediate Cardio Fitness and Resistance Training	1.5
ES-005C	Advanced Cardio Fitness and Resistance Training	1.5
ES-006A	Beginning Fitness Circuit	1
ES-006B	Intermediate Fitness Circuit	1
ES-006C	Advanced Fitness Circuit	1
ES-007A	Beginning Aerobic Walking for Fitness and Wellness	1.5
ES-007B	Intermediate Aerobic Walking for Fitness and Wellness	1.5
ES-007C	Advanced Aerobic Walking for Fitness and Wellness	1.5
ES-008A	Beginning Indoor Cycling	1
ES-008B	Intermediate Indoor Cycling	1
ES-008C	Advanced Indoor Cycling	1
ES-009A	Beginning Aerobic Dance Exercise	1
ES-009B	Intermediate Aerobic Dance Exercise	1
ES-009C	Advanced Aerobic Dance Exercise	1
ES-016A	Beginning Trail Running	1
ES-016B	Intermediate Trail Running	1
ES-016C	Advanced Trail Running	1
ES-017A	Beginning Trail Hiking	1
ES-017B	Intermediate Trail Hiking	1
ES-017C	Advanced Trail Hiking	1
ES-021A	Beginning Fitness for Chronic Disease And Injury Prevention	1.5
ES-021B	Intermediate Fitness for Chronic Disease And Injury Prevention	1.5
ES-021C	Advanced Fitness for Chronic Disease and Injury Prevention	1.5
ES-022	Total Body Conditioning	1
ES-023A	Beginning Resistance Training	1
ES-023B	Intermediate Resistance Training	1
ES-023C	Advanced Resistance Training	1
ES-024A	Beginning Fitness Boot Camp	1
ES-024B	Intermediate Fitness Boot Camp	1
ES-024C	Advanced Fitness Boot Camp	1
ES-026	Stress Reduction Through Movement and Mindfulness	1
ES-027A	Beginning T'ai Chi Ch'uan	1
ES-027B	Intermediate T'ai Chi Ch'uan	1
ES-027C	Advanced T'ai Chi Ch'uan	1
ES-028A	Beginning Yoga	1.5
ES-028B	Intermediate Yoga	1.5
ES-028C	Advanced Yoga	1.5
ES-029	Adapted Yoga	1
ES-030	Adaptive Aquatic Sports Education	1
ES-035	Adapted Swimming Limited	1
ES-037A	Beginning Springboard Diving	1
ES-037B	Intermediate Springboard Diving	1
ES-037C	Advanced Springboard Diving	1
ES-039	Swimming for Nonswimmers	1
ES-040A	Beginning Aquatic Fitness	1
ES-040B	Intermediate Aquatic Fitness	1
ES-040C	Advanced Aquatic Fitness	1
ES-041	Adapted Water Aerobics	1.5
ES-043A	Beginning Swimming	1
ES-043B	Intermediate Swimming	1
ES-043C	Advanced Swimming	1
ES-044A	Beginning Lap Swimming for Health and Fitness	1
ES-044B	Intermediate Lap Swimming for Health and Fitness	1
ES-044C	Advanced Lap Swimming for Health and Fitness	1
ES-060A	Beginning Badminton	1
ES-060B	Intermediate Badminton	1
ES-060C	Advanced Badminton	1
ES-061A	Beginning Pickleball	1
ES-061B	Intermediate Pickleball	1
ES-061C	Advanced Pickleball	1
ES-076A	Beginning Tennis	1
ES-076B	Intermediate Tennis	1
ES-076C	Advanced Tennis	1
ES-125A	Beginning Golf	1

ES-125B	Intermediate Golf	1.5
ES-125C	Advanced Golf	1.5
ES-130A	Beginning Gymnastics	1
ES-130B	Intermediate Gymnastics	1.5
ES-130C	Advanced Gymnastics	1.5
ES-155A	Beginning Basketball	1
ES-155B	Intermediate Basketball	1
ES-155C	Advanced Basketball	1
ES-170A	Beginning Soccer	1
ES-170B	Intermediate Soccer	1
ES-170C	Advanced Soccer	1
ES-171A	Beginning Softball	1
ES-171B	Intermediate Softball	1
ES-171C	Advanced Softball	1
ES-172A	Beginning Baseball	1
ES-172B	Intermediate Baseball	1
ES-172C	Advanced Baseball	1
ES-175A	Beginning Volleyball	1
ES-175B	Intermediate Volleyball	1
ES-175C	Advanced Volleyball	1
ES-176A	Beginning Beach Volleyball	1
ES-176B	Intermediate Beach Volleyball	1
ES-176C	Advanced Beach Volleyball	1
ES-180	Self-Defense for Women	1
ES-185A	Beginning Fencing	1.5
ES-185B	Intermediate Fencing	1.5
ES-185C	Advanced Fencing	1.5
ES-203	Intercollegiate Baseball	3
ES-206	Intercollegiate Basketball	3
ES-209	Intercollegiate Cross Country	3
ES-210	Intercollegiate Badminton	3
ES-212	Intercollegiate Football	3
ES-215	Intercollegiate Softball	3
ES-218	Intercollegiate Soccer	3
ES-221	Intercollegiate Swimming	3
ES-224	Intercollegiate Tennis	3
ES-228	Intercollegiate Beach Volleyball	3
ES-230	Intercollegiate Volleyball	3
ES-233	Intercollegiate Water Polo	3
ES-236	Intercollegiate Lacrosse	3

The mandatory health fee provides accident insurance for the protection of any student who may experience an injury while participating in a college sponsored credit or non-credit class, or other activity. The sponsored class or activity must be during a directly supervised, on-campus or school-related activity.

Students who depend exclusively upon prayer for healing according to the teaching of a bona fide religious sect, denomination or organization may petition for an exemption from the health fee by submitting a written request to the Office of Student Affairs. Waiver forms may be obtained in Admissions and Records or the Student Affairs office. Requests for exemption will be reviewed by the Dean of Student Affairs.

Transfer Information

Students planning to transfer to a four-year university have a wide variety of options. The California State University (CSU) with 23 campuses, the University of California (UC) with 9 undergraduate campuses and private, independent colleges in California, as well as public and private options located throughout the United States and internationally provide a wide range of academic programs, physical and academic environments, and social climates. Grossmont College offers lower division coursework in preparation for transfer to four-year colleges and universities. Students wishing to pursue transfer should meet with a counselor as early as possible to discuss their educational plan.

Successful transfer planning requires the following steps: First, select an academic or career goal, then select an appropriate major to meet that goal. Next, research the most suitable college(s) or university(ies). After you've selected the college(s) or university(ies), make an appointment with a counselor to develop an educational plan. As you approach completion of the required coursework in your education plan you will need to complete the application process. Students are encouraged to take advantage of the resources and assistance available in the Transfer Center for each step of the process.

All colleges and universities have specific admission requirements including general education, major preparation and/or unit requirements, as well as minimum grade point averages (GPA) that must be met prior to transfer. Students should complete as many of these requirements as possible before they transfer, and in some cases must complete all prior to transfer. The Articulation Officer develops and maintains transfer articulation agreements with local colleges and universities which list courses that satisfy general education requirements and preparation for the major.

The Articulation Officer maintains an articulation website with valuable information on general education and major preparation for CSU, UC and Independent/Private/Out-of-State Colleges and Universities. The website address is https://www.grossmont.edu/articulation (https://www.grossmont.edu/articulation/). UC and CSU general education or major preparation agreements are also posted on ASSIST, California's articulation and student transfer information system. The website is https://www.assist.org.

University of California (UC)

The University of California is an integral part of the public education system of California. The campuses of the University of California are located in:

Berkeley[1]
Davis
Irvine
Los Angeles
Merced[1]
Riverside
San Diego
Santa Cruz
Santa Barbara
San Francisco (Medical Center)

[1] Semester System.

Nine UC campuses admit undergraduate students pursuing the bachelor degree. UC San Francisco admits at the graduate level only.

UC Admission Guarantee Programs

Transfer Admission Guarantee (TAG) agreements are available to Grossmont students interested in transferring to UC Davis, UC Irvine, UC Merced, UC Riverside, UC Santa Barbara and UC Santa Cruz. For more information, visit the Transfer Center website at https://www.grossmont.edu/transfer-center/.

UC Dual Admission supports students who want to transfer to UC by granting conditional admission guarantee to a participating campus. For more about eligibility, how to participate and the deadline to accept the invitation, visit the UC Dual Admission website (https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/uc-transfer-programs/dual-admission.html).

UniversityLink is an admission guarantee program to UCSD designed for recent high school graduates and student veterans, active duty service members and current/former foster youth. Additional information can be found at: https://admissions.ucsd.edu/transfer/universitylink.html. Students are encouraged to visit the Transfer Center or meet with a counselor to determine eligibility and apply.

Applying for Admission

To apply for admission to the University of California as an undergraduate, apply online at https://www.universityofcalifornia.edu/admissions (https://www.universityofcalifornia.edu/admissions/) during the application months listed as follows:

Term	Application Filing Period
Fall 2026	October 1, 2025-November 30, 2025
Winter/Spring 2027	July 1, 2026-July 31, 2026

Select UC campuses offer winter/spring admission cycles.

Submit your completed application online on or soon after the opening of the application period. The Transfer Center offers application assistance during the application filing periods listed above.

Consult the following sections for information about transfer and admission requirements.

Courses Accepted for Transfer to the University of California

The most current list of UC transferable courses is available on the ASSIST website (https://www.assist.org). Also, please check the course description for each course in this catalog for UC transferability. Refer to ASSIST (https://www.assist.org) for official Credit Limitation information.

Each campus of the University of California usually accepts, at full unit value, UC transferable courses completed with satisfactory grades from the California Community Colleges. Students intending to transfer to a UC will find it advantageous to complete their lower division requirements at Grossmont College. A maximum of 70 transferable community college units is honored by the university campuses. However, students should become familiar with specific requirements of the campus to which transfer is planned by examining each UC catalog and website.

Articulation agreements have been developed with most campuses of the University of California and are available on the ASSIST website (https://www.assist.org). Grossmont counselors can provide assistance with transfer educational plans.

Minimum Upper Division UC Transfer Admission Requirements

1. Complete 60 semester units or 90 quarter units of transferable college credit with a minimum grade point average of 2.4 (2.8 for non-residents). No more than 14 semester (21 quarter) units may be taken Pass/No Pass.
2. Complete with a "C" grade or higher or "Pass" a seven-course pattern requirement to include:
    1. Two transferable college courses (3 semester or 4-5 quarter units each) in English composition; and
    2. One transferable college course (3 semester or 4-5 quarter units) in mathematical concepts and quantitative reasoning; and
    3. Four transferable college courses (3 semester or 4-5 quarter units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, or the physical and biological sciences.

Please note: In addition to the requirements above, individual universities have specified additional requirements and transfer GPA that must be achieved to be eligible and/or competitive for admission.

University of California (UC) Credit Limitations

Subject to change. The ASSIST website (https://www.assist.org) lists are the most current.

- AOJ-144 Probation and Parole, AOJ-200 Criminal Law combined: maximum credit, one course.
- ANTH-215 Statistics for the Behavioral Sciences/BIO-215 Statistics for Life Sciences/ECON-215 Statistics for Business, Economics, and Social Sciences/SOC-215 Statistics for the Behavioral Sciences/PSY-215 Statistics for the Behavioral Sciences/STAT-C1000 Introduction to Statistics: maximum credit, one course.
- BIO-140 Human Anatomy, BIO-141 Human Physiology, BIO-141L Laboratory in Human Physiology, BIO-144 Anatomy and Physiology I, BIO-145 Anatomy and Physiology II: maximum credit 8 units.
- BIO-150 Field Study of the Natural History of the Greater San Diego Region/GEOG-150 Field Study of the Natural History of the Greater San Diego Region/GEOL-150 Field Study of the Natural History of the Greater San Diego Region/OCEA-150 Field Study of the Natural History of the Greater San Diego Region: maximum credit, one course.
- BIO-215 Statistics for Life Sciences/ANTH-215 Statistics for the Behavioral Sciences/ECON-215 Statistics for Business, Economics, and Social Sciences/SOC-215 Statistics for the Behavioral Sciences/PSY-215 Statistics for the Behavioral Sciences/STAT-C1000 Introduction to Statistics: maximum credit, one course.
- CD-115 Changing American Family/FS-115 Changing American Family: maximum credit, one course.
- CHEM-102 Introduction to General, Organic and Biological Chemistry, CHEM-110 Environmental Chemistry, CHEM-113 Forensic Chemistry, CHEM-115 Fundamentals of Chemistry, and CHEM-120 Preparation for General Chemistry combined: maximum credit, one course. No credit for CHEM-102 Introduction to General, Organic and Biological Chemistry if taken after CHEM-115 Fundamentals of Chemistry, CHEM-116 Introductory Organic and Biochemistry. No credit for CHEM-102 Introduction to General, Organic and Biological Chemistry, CHEM-110 Environmental Chemistry, CHEM-113 Forensic Chemistry, CHEM-115 Fundamentals of Chemistry, and CHEM-120 Preparation for General Chemistry if taken after CHEM-141 General Chemistry I. No credit for CHEM-116 Introductory Organic and Biochemistry if taken after CHEM-231 Organic Chemistry I.
- COMM-124 Intercultural Communication, COMM-144 Communication Studies: Race and Ethnicity, ETHN-144 Communication Studies: Race and Ethnicity or ETHN-115 Introduction to Cultural Competence combined: maximum credit, one course.

- DANC: Maximum of four semester units of credit for Physical Education (ES) activity courses.
- ECON-110 Economic Issues and Policies: No credit for ECON-110 Economic Issues and Policies if taken after ECON-120 Principles of Macroeconomics or ECON-121 Principles of Microeconomics.
- ECON-215 Statistics for Business, Economics, and Social Sciences, BIO-215 Statistics for Life Sciences, ANTH-215 Statistics for the Behavioral Sciences, SOC-215 Statistics for the Behavioral Sciences, PSY-215 Statistics for the Behavioral Sciences, STAT-C1000 Introduction to Statistics: maximum credit, one course.
- ENGL-130 Short Fiction Writing I, ENGL-131 Short Fiction Writing II, ENGL-132 Short Fiction Writing III and ENGL-133 Short Fiction Writing IV combined: maximum credit, two courses.
- ENGL-134 Creative Nonfiction Writing I, ENGL-135 Creative Nonfiction Writing II, ENGL-136 Creative Nonfiction Writing III and ENGL-137 Creative Nonfiction Writing IV combined: maximum credit, two courses.
- ENGL-140 Poetry Writing I, ENGL-141 Poetry Writing II, ENGL-142 Poetry Writing III and ENGL-143 Poetry Writing IV combined: maximum credit, two courses.
- ENGL-160 Drama Writing I ENGL-161 Drama Writing II, ENGL-162 Drama Writing III and ENGL-163 Drama Writing IV combined: maximum credit, two courses.
- ENGL-175 Novel Writing I, ENGL-176 Novel Writing II, ENGL-177 Novel Writing III and ENGL-178 Novel Writing IV combined: maximum credit, one course.
- ENGL-236 Chicana/o Literature, ETHN-236 Chicana/o Literature: maximum credit, one course.
- ENGL-237 American Indian Literature, ETHN-237 American Indian Literature: maximum credit, one course.
- ENGL-238 Black Literature, ETHN-238 Black Literature: maximum credit, one course.
- ENGL-239 Asian American Literature, ETHN-239 Asian American Literature: maximum credit, one course.
- ESL-115 Exploring U.S. Cultures and ESL-122 College Rhetoric combined: maximum credit, 8 units.
- ES: maximum of four semester units of credit for Physical Education activity courses.
- ES: maximum of eight semester units of credit for Physical Education Theory courses.
- ETHN-115 Introduction to Cultural Competence and ETHN-144 Communication Studies: Race and Ethnicity/COMM-144 Communication Studies: Race and Ethnicity and COMM-124 Intercultural Communication combined: maximum credit, one course.
- ETHN-118 U.S. History: Chicano/Chicana Perspectives I/HIST-118 U.S. History: Chicano/Chicana Perspectives I, HIST-119 U.S. History: Chicano/Chicana Perspectives II; HIST-130 U.S. History and Cultures: Native American Perspectives I, HIST-131 U.S. History and Cultures: Native American Perspectives II, HIST-160 U.S. History: Asian American and Pacific Island American Perspectives I, HIST-161 U.S. History: Asian American and Pacific Island American Perspectives II, HIST-180 U.S. History: Black Perspectives I, HIST-181 U.S. History: Black Perspectives II combined with HIST-108 Early American History, HIST-109 Modern American History: maximum credit, one series.
- ETHN-107 History of Race & Ethnicity in the United States, HIST-107 History of Race & Ethnicity in the United States: maximum credit, one course
- ETHN-180 U.S. History: Black Perspectives I, HIST-180 U.S. History: Black Perspectives I: maximum credit, one course.
- ETHN-181 U.S. History: Black Perspectives II, HIST-181 U.S. History: Black Perspectives II: maximum credit, one course.
- ETHN-236 Chicana/o Literature, ENGL-236 Chicana/o Literature: maximum credit, one course.
- ETHN-237 American Indian Literature, ENGL-237 American Indian Literature: maximum credit, one course.
- ETHN-238 Black Literature, ENGL-238 Black Literature: maximum credit, one course.
- ETHN-125 Cross-Cultural Psychology, PSY-125 Cross-Cultural Psychology: maximum credit, one course.
- ETHN-114 Introduction to Race & Ethnicity, SOC-114 Introduction to Race & Ethnicity: maximum credit, one course.
- FS-115 Changing American Family, CD-115 Changing American Family: maximum credit, one course.
- FS-120 Human Development, PSY-150 Developmental Psychology: maximum credit, one course.
- GEND-154 Early History of Women in World Civilization, HIST-154 Early History of Women in World Civilization: maximum credit, one course.
- GEND-155 Modern History of Women in World Civilization, HIST-155 Modern History of Women in World Civilization: maximum credit, one course.
- GEOG-150 Field Study of the Natural History of the Greater San Diego Region, BIO-150 Field Study of the Natural History of the Greater San Diego Region, GEOL-150 Field Study of the Natural History of the Greater San Diego Region, OCEA-150 Field Study of the Natural History of the Greater San Diego Region: maximum credit, one course.
- GEOL-150 Field Study of the Natural History of the Greater San Diego Region, BIO-150 Field Study of the Natural History of the Greater San Diego Region, GEOG-150 Field Study of the Natural History of the Greater San Diego Region, OCEA-150 Field Study of the Natural History of the Greater San Diego Region: maximum credit, one course.
- HIST-154 Early History of Women in World Civilization, GEND-154 Early History of Women in World Civilization: maximum credit, one course.
- HIST-155 Modern History of Women in World Civilization, GEND-155 Modern History of Women in World Civilization: maximum credit, one course.
- HUM-120 European Humanities, HUM-125 Women and Western Culture, HUM-130 East Asian Humanities and HUM-170 Modern World Humanities combined: maximum credit, two courses.
- MATH-120 Quantitative Reasoning or MATH-125 Structure and Concepts of Elementary Mathematics I and MATH-126 Structure and Concepts of Elementary Mathematics II credit can only be granted for either MATH-120 Quantitative Reasoning or MATH-125 Structure and Concepts of Elementary Mathematics I and MATH-126 Structure and Concepts of Elementary Mathematics II combined.
- STAT-C1000 Introduction to Statistics, ANTH-215 Statistics for the Behavioral Sciences, BIO-215 Statistics for Life Sciences, ECON-215 Statistics for Business, Economics, and Social Sciences, PSY-215 Statistics for the Behavioral Sciences, SOC-215 Statistics for the Behavioral Sciences: maximum credit, one course.
- MATH-175 College Algebra and MATH-176 Precalculus: Functions and Graphs: combined: maximum credit, 5 semester units.

- MATH-178 Calculus for Business, Social and Behavioral Sciences and MATH-180 Analytic Geometry and Calculus I combined: maximum credit, one course.
- MUS-105 Music Theory and Practice I, MUS-106 Music Theory and Practice II and MUS-128 Music Theory for Guitar I, MUS-129 Music Theory for Guitar II combined: maximum credit, one series.
- OCEA-150 Field Study of the Natural History of the Greater San Diego Region, BIO-150 Field Study of the Natural History of the Greater San Diego Region, GEOG-150 Field Study of the Natural History of the Greater San Diego Region, GEOL-150 Field Study of the Natural History of the Greater San Diego Region: maximum credit, one course.
- PHYC-110 Introductory Physics: No credit if taken after PHYC-130 Fundamentals of Physics or PHYC-201 Mechanics and Waves.
- PHYC-130 Fundamentals of Physics, PHYC-131 Fundamentals of Physics or PHYC-201 Mechanics and Waves, PHYC-202 Electricity, Magnetism, and Heat, PHYC-203 Light, Optics, and Modern Physics combined: maximum credit, one series.
- PSC-110 Introduction to the Physical Sciences and PSC-111 Introduction to Physical Sciences Laboratory: No credit if taken after a college course in Astronomy, Chemistry, Geology or Physics.
- PSY-125 Cross-Cultural Psychology, ETHN-125 Cross-Cultural Psychology: maximum credit, one course.
- PSY-138 Social Psychology, SOC-138 Social Psychology: maximum credit, one course.
- PSY-150 Developmental Psychology, FS-120 Human Development: maximum credit, one course.
- PSY-215 Statistics for the Behavioral Sciences/ECON-215 Statistics for Business, Economics, and Social Sciences/BIO-215 Statistics for Life Sciences/ANTH-215 Statistics for the Behavioral Sciences/SOC-215 Statistics for the Behavioral Sciences/STAT-C1000 Introduction to Statistics: maximum credit, one course.
- SOC-114 Introduction to Race & Ethnicity, ETHN-114 Introduction to Race & Ethnicity: maximum credit, one course.
- SOC-138 Social Psychology, PSY-138 Social Psychology: maximum credit, one course.
- SOC-215 Statistics for the Behavioral Sciences/PSY-215 Statistics for the Behavioral Sciences/ECON-215 Statistics for Business, Economics, and Social Sciences/BIO-215 Statistics for Life Sciences/ANTH-215 Statistics for the Behavioral Sciences/STAT-C1000 Introduction to Statistics: maximum credit, one course.
- SPAN-120 Spanish I and SPAN-122 Spanish for the Native Speaker I combined: maximum credit, one course.
- SPAN-121 Spanish II and SPAN-123 Spanish for the Native Speaker II combined: maximum credit, one course.

The California State University (CSU)

The California State University system provides upper division educational programs for California community college transfer students.

Grossmont College students wishing to transfer to a California State University may choose from the following campuses:

CSU Bakersfield
CSU Channel Islands
Chico State
CSU Dominguez Hills
Cal State East Bay
Fresno State
Cal State Fullerton
Cal Poly Humboldt
Cal State Long Beach
Cal State LA
Cal Maritime
CSU Monterey Bay
CSUN (Northridge)
Cal Poly Pomona
Sacramento State
Cal State San Bernardino
San Diego State
San Francisco State
San José State
Cal Poly San Luis Obispo[1]
CSU San Marcos
Sonoma State
Stanislaus State

[1] A quarter term university.

CSU Admission Guarantee Programs

CSU Transfer Success Pathway is a dual admission program that grants conditional guaranteed admission to a participating degree program and campus. For more about eligibility, participating programs and campuses and the deadline to opt in, visit the CSU Transfer Success Pathway (https://www.calstate.edu/apply/transfer/Pages/transfer-success-pathway.aspx) website.

San Diego State University (SDSU) Transfer Admission Guarantee (TAG): SDSU offers guaranteed admission to local admissions-area students for select majors. Grossmont College students are encouraged to review eligibility criteria and applicable majors available on SDSU's Transfer Pathways website https://admissions.sdsu.edu/transfers/transfer-pathways (https://admissions.sdsu.edu/transfers/transfer-pathways/).

The Grossmont Transfer Center website: https://www.grossmont.edu/transfer-center/ includes updated information and resources. Students are encouraged to visit the Transfer Center, attend transfer workshops, and meet with a counselor for more information.

Applying For Admission

All California State Universities use Cal State Apply for their application process. You must apply for admission online at: https://www2.calstate.edu/apply (https://www2.calstate.edu/apply/). Carefully follow the instructions shown on the online application. The Transfer Center offers application assistance during the application filing periods listed below.

Term	Application Filing Period
Fall 2026	October 1, 2025-November 30, 2025
Winter 2027[1]	June 1, 2026-June 30, 2026
Spring 2027[1]	August 1, 2026-August 31, 2026

[1] Some CSU campuses may offer winter/spring admission cycles.

Supplemental applications and a Cal State application update are also required. Check the individual campus websites for more information. The Transfer Center offers assistance with supplemental applications and application updates in January each year.

Consult the following sections for information about transfer and admission requirements.

Courses Accepted For Transfer to the California State University (CSU)

Please check the ASSIST website (https://www.assist.org) or the course descriptions in the courses of instruction area of this catalog for CSU transferability. Courses identified as transferable are certified as transferable to any of the 23 CSU campuses. There are limitations transferring 199, 298 and 299 courses. For instance, 298 courses are non-degree and non-transfer. 299A courses do not transfer to universities. 299B courses transfer to the CSU but not the UC System. Meet with a counselor for further clarification.

Minimum Upper Division CSU Transfer Admission Requirements

To meet your upper division transfer requirements to the CSU, you must:

- have completed at least 60 transferable semester (90 quarter) units;
- have a grade point average of 2.00 (C) (2.40 for non-residents) or better in all transferable units attempted;
- be in good standing at the last college or university attended;
- have completed at least 30 semester (45 quarter) units of approved General Education coursework including "Golden Four" requirements in Written Communication, Oral Communication, Critical Thinking and Mathematics/Quantitative Reasoning. Refer to General Education & Transfer information (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/).

Please note that these are minimum admission requirements. Students applying to impacted campuses and programs will likely need a higher GPA and specific major prep courses to be competitive.

Independent California Colleges and Universities

California's fully accredited independent colleges and universities provide a host of options at undergraduate, graduate, and professional levels for students planning to continue their education beyond community college and may include admission guarantee programs utilizing the Associate Degree for Transfer.

Students who transfer to independent colleges or universities find they are given academic credit for most, if not all, of their community college courses. The majority of institutions give full credit for general education courses and usually for other courses designated for transfer by the community college.

Some colleges and universities stipulate a certain number of completed units before considering students eligible for transfer. Others do not and will accept students at any time. The requirements are outlined in the respective college catalogs and websites.

Visit the Grossmont College Articulation website: https://www.grossmont.edu/articulation/ or the Transfer Center: https://www.grossmont.edu/transfer-center/ for major preparation and general education at selected universities. Independent institutions invite you to make an appointment with their Admissions Office to discuss your transfer opportunities on a personal basis.

Information regarding financial aid provided at independent four-year institutions may be available in the Financial Aid Office at Grossmont College.

Plan B: California General Education Transfer Curriculum (Cal-GETC)

Official updates are available at https://www.assist.org.

The Intersegmental Committee of the Academic Senates approved Cal-GETC in Spring 2023. The IGETC is a series of courses that California Community College students can use to satisfy lower division general education requirements at any CSU or UC campus.

The Cal-GETC will permit a student to transfer from a community college to a campus in either the California State University or the University of California system without the need, after transfer, to take additional lower-division, general education courses.

Completion of the Cal-GETC is not a guarantee of admission or a requirement for transfer to a CSU or UC, nor is it the only way to fulfill the lower-division general education requirements of the CSU or UC prior to transfer. Students may find it advantageous to take courses fulfilling CSU's general education requirements or those of a particular UC campus.

Students completing the Cal-GETC may be eligible for the Cal-GETC Certificate of Achievement. Interested students should contact a counselor for further information.

General Education course choices for transfer and the associate degree may differ between Cuyamaca and Grossmont College. Each college strongly recommends that students visit the Counseling Centers for specific information if they plan to attend both campuses.

All courses in the Cal-GETC must be completed with a "C" grade or higher or "Pass" (see four-year university limit on P/NP units) and all areas must be completed and certified by the last community college attended prior to transfer.

If a student is approaching readiness for transfer and is unable to complete one or two Cal-GETC courses, the student may be eligible to complete Cal-GETC after transferring. Meet with a counselor or contact the Evaluations Office for more detailed information.

The following is subject to change.

Area 1 – English Communication

Three courses (a minimum of nine semester or twelve quarter units) are required. At least **one** course must be taken from **each** area.

Code	Title	Units
1A. English Composition		
ENGL-C1000	Academic Reading and Writing	3
ESL-122	College Rhetoric	6
1B. Critical Thinking and English Composition		
ENGL-C1001	Critical Thinking and Writing	3
PHIL-125	Critical Thinking and Philosophical Composition	3
1C. Oral Communication		
COMM-C1000	Introduction to Public Speaking	3

Area 2 – Mathematical Concepts and Quantitative Reasoning

One course (a minimum of three semester or four quarter units) is required.

Code	Title	Units
2A. Math		
ANTH-215	Statistics for the Behavioral Sciences	4

BIO-215	Statistics for Life Sciences	3
ECON-215	Statistics for Business, Economics, and Social Sciences	4
MATH-120	Quantitative Reasoning [1]	3
MATH-125	Structure and Concepts of Elementary Mathematics I [1]	3
MATH-126	Structure and Concepts of Elementary Mathematics II [1]	3
MATH-175	College Algebra	4
MATH-176	Precalculus: Functions and Graphs	6
MATH-178	Calculus for Business, Social and Behavioral Sciences [1]	4
MATH-180	Analytic Geometry and Calculus I [1]	5
MATH-245	Discrete Mathematics	3
MATH-280	Analytic Geometry and Calculus II	4
MATH-281	Multivariable Calculus	4
MATH-284	Linear Algebra	3
MATH-285	Differential Equations	3
PSY-215	Statistics for the Behavioral Sciences	4
SOC-215	Statistics for the Behavioral Sciences	4
STAT-C1000	Introduction to Statistics	4

[1] Note: See section above or ASSIST.org for UC credit limitations.

Area 3 – Arts and Humanities

Two courses (a minimum of six semester or eight quarter units) are required. At least **one** course must be taken from **each** area.

Code	Title	Units
3A. Arts		
ART-100	Art Appreciation	3
ART-120	Two-Dimensional Design	3
ART-130	Sculpture I	3
ART-140	Survey of Western Art I: Prehistory Through Middle Ages	3
ART-141	Survey of Western Art II: Renaissance Through Modern	3
ART-142	Art of Africa, Oceania and the Americas	3
ART-143	Modern Art	3
ART-145	Contemporary Art	3
ART-146	Asian Art	3
ART-147	American Art	3
DANC-110	Dance History	3
DANC-120	Dance Appreciation	3
ETHN-126	Chicano/Chicana and Mexican Art	3
ETHN-134	Introduction to American Indian Art	3
MUS-110	Great Music Listening	3
MUS-111	The History of Jazz	3
MUS-115	The History of Rock Music	3
MUS-116	Introduction to World Music	3
MUS-117	Introduction to Music History and Literature	3
MUS-123	History of Hip Hop Culture	3
PHOT-154	History of Photography	3
THTR-101	Introduction to Narrative Theory	3
THTR-110	Introduction to the Theatre	3
THTR-144	20th Century Fashion and Costume	3
THTR-205	The American Musical on Stage and Screen	3
3B. Humanities		
ASL-121	American Sign Language II	4
ASL-140	Inside Deaf Culture	3
ASL-220	American Sign Language III	4
ASL-221	American Sign Language IV	4
ARBC-121	Arabic II	5
ARBC-123	Arabic for the Arabic Speaker II	5
ARBC-148	Language, Culture, and Literature of the Arab World	3
ARBC-220	Arabic III	5
ARBC-221	Arabic IV	5
CHIN-121	Chinese II	5
CHIN-220	Chinese III	5
CHIN-221	Chinese IV	5
COMM-144	Communication Studies: Race and Ethnicity	3
ENGL-122	Introduction to Literature	3
ENGL-201	Women, Gender, and Sexuality in Literature	3
ENGL-203	Children's Literature	3
ENGL-215	Mythology	3
ENGL-217	Fantasy and Science Fiction	3
ENGL-218	Shakespeare - His Plays and the Theatre of His Time	3
ENGL-219	Death and Dying in Literature	3
ENGL-221	British Literature I	3
ENGL-222	British Literature II	3
ENGL-231	American Literature I	3
ENGL-232	American Literature II	3
ENGL-236	Chicana/o Literature	3
ENGL-237	American Indian Literature	3
ENGL-238	Black Literature	3
ENGL-239	Asian American Literature	3
ENGL-271	World Literature II	3
ESL-115	Exploring U.S. Cultures	6
ETHN-135	San Diego County American Indian Tribes	3
ETHN-143	Images of Black Women	3
ETHN-144	Communication Studies: Race and Ethnicity	3
ETHN-236	Chicana/o Literature	3
ETHN-237	American Indian Literature	3
ETHN-238	Black Literature	3
ETHN-239	Asian American Literature	3
FREN-121	French II	5
FREN-152	The French-Speaking World: A Cross- - Cultural Perspective	3
FREN-220	French III	5
FREN-221	French IV	5
GERM-121	German II	5
GERM-220	German III	5

GERM-221	German IV	5
HIST-100	Early World History	3
HIST-101	Modern World History	3
HIST-103	Twentieth Century World History	3
HIST-105	Early Western Civilization	3
HIST-106	Modern Western Civilization	3
HIST-126	History of Mexico	3
HIST-135	Ancient History of Western Civilization	3
HIST-136	Survey of Medieval History	3
HIST-137	History of East Asia	3
HIST-148	The Modern Middle East	3
HUM-110	Principles of the Humanities	3
HUM-120	European Humanities	3
HUM-125	Women and Western Culture	3
HUM-130	East Asian Humanities	3
HUM-135	Blues as Literature, History, and Culture	3
HUM-140	Humanities of the Americas	3
HUM-160	Humanities of the Future	3
HUM-170	Modern World Humanities	3
ITAL-121	Italian II	5
ITAL-220	Italian III	5
ITAL-221	Italian IV	5
JAPN-121	Japanese II	5
JAPN-149	Japanese Culture and Civilization	3
JAPN-220	Japanese III	5
JAPN-221	Japanese IV	5
PHIL-110	A General Introduction to Philosophy	3
PHIL-111	Philosophy and Popular Culture	3
PHIL-120	Asian and Pacific Philosophies	3
PHIL-140	Problems in Ethics	3
PHIL-141	Bioethics	3
PHIL-145	Social and Political Philosophy	3
PHIL-150	The Philosophy of Art	3
PHIL-155	The Philosophy of Science	3
PHIL-160	Latin American Philosophy	3
RELG-110	Introduction to the Study of Religion	3
RELG-120	World Religions	3
RELG-130	Scriptures of World Religions	3
RELG-140	Religion and Culture	3
RELG-150	Asian Religions	3
RELG-165	Religion and American History	3
RELG-170	Introduction to Christianity	3
RUSS-121	Russian II	5
RUSS-220	Russian III	5
RUSS-221	Russian IV	5
SPAN-121	Spanish II	5
SPAN-123	Spanish for the Native Speaker II	5
SPAN-141	Spanish and Latin American Cultures	3
SPAN-220	Spanish III	5
SPAN-221	Spanish IV	5
THTR-143	Historic Costume for the Theatre	3
THTR-144	20th Century Fashion and Costume	3

Area 4 – Social and Behavioral Sciences

Two courses (six semester or eight quarter units) are required from at least two academic disciplines.

Code	Title	Units
AOJ-110	Introduction to Administration of Justice	3
ANTH-120	Cultural Anthropology	3
ANTH-122	Anthropology of Magic, Witchcraft, and Religion	3
ANTH-127	Cultures of Latin America	3
ANTH-140	Introduction to Archaeology	3
CD-115	Changing American Family	3
CD-125	Child Growth and Development	3
COMM-124	Intercultural Communication	3
COMM-144	Communication Studies: Race and Ethnicity	3
ECON-110	Economic Issues and Policies	3
ECON-120	Principles of Macroeconomics	3
ECON-121	Principles of Microeconomics	3
ECON-125	Economic History of the United States	3
ECON-135	Environmental Economics	3
ECON-261	Economic Relations of the Asia Pacific	3
ETHN-107	History of Race & Ethnicity in the United States	3
ETHN-114	Introduction to Race & Ethnicity	3
ETHN-115	Introduction to Cultural Competence	3
ETHN-118	U.S. History: Chicano/Chicana Perspectives I	3
ETHN-119	U.S. History: Chicano/Chicana Perspective II	3
ETHN-125	Cross-Cultural Psychology	3
ETHN-127	La Chicana	3
ETHN-128	Introduction to Chicana/o Studies	3
ETHN-130	U.S. History and Cultures: Native American Perspectives I	3
ETHN-131	U.S. History and Cultures: Native American Perspectives II	3
ETHN-135	San Diego County American Indian Tribes	3
ETHN-143	Images of Black Women	3
ETHN-144	Communication Studies: Race and Ethnicity	3
ETHN-145	Introduction to Black Studies	3
ETHN-160	U.S. History: Asian American and Pacific Island American Perspectives I	3
ETHN-161	U.S. History: Asian American and Pacific Island American Perspectives II	3
ETHN-180	U.S. History: Black Perspectives I	3
ETHN-181	U.S. History: Black Perspectives II	3
FS-115	Changing American Family	3
FS-120	Human Development	3
GEOG-100	Introduction to Global Studies	3
GEOG-101	Global Issues	3
GEOG-106	World Regional Geography	3
GEOG-130	Human Geography: The Cultural Landscape	3

GEOG-170	The Geography of California	3
GEND-116	Introduction to Women's Studies	3
GEND-117	Introduction to LGBTQ Studies	3
GEND-154	Early History of Women in World Civilization	3
GEND-155	Modern History of Women in World Civilization	3
HIST-100	Early World History	3
HIST-101	Modern World History	3
HIST-103	Twentieth Century World History	3
HIST-105	Early Western Civilization	3
HIST-106	Modern Western Civilization	3
HIST-107	History of Race & Ethnicity in the United States	3
HIST-108	Early American History	3
HIST-109	Modern American History	3
HIST-113	American Military History	3
HIST-114	Comparative History of the Early Americas	3
HIST-115	Comparative History of the Modern Americas	3
HIST-118	U.S. History: Chicano/Chicana Perspectives I	3
HIST-119	U.S. History: Chicano/Chicana Perspectives II	3
HIST-122	Women in Early American History	3
HIST-123	Women in Modern American History	3
HIST-124	History of California	3
HIST-126	History of Mexico	3
HIST-130	U.S. History and Cultures: Native American Perspectives I	3
HIST-131	U.S. History and Cultures: Native American Perspectives II	3
HIST-136	Survey of Medieval History	3
HIST-137	History of East Asia	3
HIST-148	The Modern Middle East	3
HIST-154	Early History of Women in World Civilization	3
HIST-155	Modern History of Women in World Civilization	3
HIST-160	U.S. History: Asian American and Pacific Island American Perspectives I	3
HIST-161	U.S. History: Asian American and Pacific Island American Perspectives II	3
HIST-180	U.S. History: Black Perspectives I	3
HIST-181	U.S. History: Black Perspectives II	3
MCOM-110	Mass Media and Society	3
POLS-C1000	American Government and Politics	3
POSC-120	Introduction to Politics and Political Analysis	3
POSC-124	Introduction to Comparative Government and Politics	3
POSC-130	Introduction to International Relations	3
POSC-140	Introduction to California Governments and Politics	3
POSC-145	Introduction to Latin American Government and Politics	3
POSC-147	Introduction to Middle East Government and Politics	3
POSC-148	American Foreign Policy	3
POSC-150	Introduction to Political Theory	3
POSC-155	State and Society in the Asia Pacific	3
POSC-160	Politics in Film	3
PSY-125	Cross-Cultural Psychology	3
PSY-134	Human Sexuality	3
PSY-138	Social Psychology	3
PSY-140	Physiological Psychology	3
PSY-150	Developmental Psychology	3
PSY-170	Abnormal Psychology	3
PSY-211	Cognitive Psychology	3
PSY-220	Learning	3
PSYC-C1000	Introduction to Psychology	3
RELG-175	Religion, Government and Politics in America	3
SOC-114	Introduction to Race & Ethnicity	3
SOC-120	Introductory Sociology	3
SOC-125	Marriage, Family, and Alternate Lifestyles	3
SOC-130	Contemporary Social Problems	3
SOC-138	Social Psychology	3
SOC-140	Sex and Gender Across Cultures	3
SOC-150	Latinx Communities in the United States	3

Area 5 – Physical and Biological Sciences

Two courses (seven semester or nine quarter units) are required. Must include one course in Physical Science and one course in Biological Science with a cooresponding lab.

Code	Title	Units
5A. Physical Science		
ASTR-110	Descriptive Astronomy [1]	3
ASTR-120	Exploration of the Solar System [1]	3
CHEM-102	Introduction to General, Organic and Biological Chemistry	5
CHEM-110	Environmental Chemistry [1]	3
CHEM-113	Forensic Chemistry	4
CHEM-115	Fundamentals of Chemistry	4
CHEM-116	Introductory Organic and Biochemistry	4
CHEM-120	Preparation for General Chemistry	4
CHEM-141	General Chemistry I	5
CHEM-142	General Chemistry II	5
CHEM-231	Organic Chemistry I	5
CHEM-232	Organic Chemistry II	5
GEOG-120	Physical Geography: Earth Systems [1]	3
GEOG-140	Meteorology: Weather and Climate [1]	3
GEOL-104	Earth Science	3
GEOL-110	Planet Earth [1]	3
GEOL-121	Earth History	4
GEOL-210	Geology of California [1]	3
OCEA-112	Introduction to Oceanography [1]	3

PSC-100	Physical Science for Elementary Education [1]	3
PSC-110	Introduction to the Physical Sciences [1]	3
PHYC-110	Introductory Physics	4
PHYC-130	Fundamentals of Physics	4
PHYC-131	Fundamentals of Physics	4
PHYC-201	Mechanics and Waves	5
PHYC-202	Electricity, Magnetism, and Heat	5
PHYC-203	Light, Optics, and Modern Physics	5
SCI-110	Introduction to Scientific Thought [1]	3
5B. Biological Science		
ANTH-130	Introduction to Biological Anthropology [1]	3
BIO-105	Marine Biology	4
BIO-110	Environmental Biology	4
BIO-112	Contemporary Issues in Environmental Resources [1]	3
BIO-114	Heredity, Evolution and Society [1]	3
BIO-118	Introduction to Human Biology [1]	3
BIO-120	Principles of Biology	4
BIO-140	Human Anatomy	4
BIO-141	Human Physiology [1]	3
BIO-144	Anatomy and Physiology I	4
BIO-145	Anatomy and Physiology II	4
BIO-152	Paramedical Microbiology	5
BIO-230	Principles of Cellular, Molecular and Evolutionary Biology	4
BIO-240	Principles of Ecology, Evolution and Organismal Biology	5
CHEM-117	Introductory Biochemistry	3
5C. Laboratory [2]		
ANTH-131	Biological Anthropology Laboratory	1
ASTR-112	General Astronomy Laboratory	1
BIO-141L	Laboratory in Human Physiology	1
GEOG-121	Physical Geography: Earth Systems Laboratory	1
GEOL-111	Planet Earth Laboratory	1
OCEA-113	Oceanography Laboratory	1
PSC-111	Introduction to Physical Sciences Laboratory	1

[1] Course does not contain a laboratory component.
[2] Take one course in this section if lab course not taken from a 5A or 5B. The lab must complement the lecture course.

Area 6 - Ethnic Studies

One course (a minimum of three semester or four quarter units) is required.

Code	Title	Units
ENGL-236	Chicana/o Literature	3
ETHN-107	History of Race & Ethnicity in the United States	3
ETHN-114	Introduction to Race & Ethnicity	3
ETHN-236	Chicana/o Literature	3
HIST-107	History of Race & Ethnicity in the United States	3
SOC-114	Introduction to Race & Ethnicity	3

UC Graduation Requirement – Languages Other Than English

Proficiency is demonstrated through one of the following:

1. completion of two years of high school study in the same language with a "C" grade or higher (verified by high school transcript);
2. complete one of the courses listed in IGETC, area 6A - UC LOTE;
3. Students may also meet with a Counselor for other verification options.

Code	Title	Units
ASL-120	American Sign Language I	4
ASL-121	American Sign Language II	4
ASL-220	American Sign Language III	4
ASL-221	American Sign Language IV	4
ARBC-120	Arabic I	5
ARBC-121	Arabic II	5
ARBC-122	Arabic for the Arabic Speaker I	5
ARBC-123	Arabic for the Arabic Speaker II	5
ARBC-220	Arabic III	5
ARBC-221	Arabic IV	5
ARBC-250	Conversational Arabic I	3
ARBC-251	Conversational Arabic II	3
CHIN-120	Chinese I	5
CHIN-121	Chinese II	5
CHIN-220	Chinese III	5
CHIN-221	Chinese IV	5
CHIN-250	Conversational Chinese I	3
CHIN-251	Conversational Chinese II	3
FREN-120	French I	5
FREN-121	French II	5
FREN-220	French III	5
FREN-221	French IV	5
FREN-250	Conversational French I	3
FREN-251	Conversational French II	3
GERM-120	German I	5
GERM-121	German II	5
GERM-220	German III	5
GERM-221	German IV	5
GERM-250	Conversational German I	3
GERM-251	Conversational German II	3
ITAL-120	Italian I	5
ITAL-121	Italian II	5
ITAL-220	Italian III	5
ITAL-221	Italian IV	5
ITAL-250	Conversational Italian I	3
ITAL-251	Conversational Italian II	3
JAPN-120	Japanese I	5
JAPN-121	Japanese II	5
JAPN-220	Japanese III	5

JAPN-221	Japanese IV	5
JAPN-250	Conversational Japanese I	3
JAPN-251	Conversational Japanese II	3
RUSS-120	Russian I	5
RUSS-121	Russian II	5
RUSS-220	Russian III	5
RUSS-221	Russian IV	5
RUSS-250	Conversational Russian I	3
RUSS-251	Conversational Russian II	3
SPAN-120	Spanish I	5
SPAN-121	Spanish II	5
SPAN-122	Spanish for the Native Speaker I	5
SPAN-123	Spanish for the Native Speaker II	5
SPAN-220	Spanish III	5
SPAN-221	Spanish IV	5
SPAN-250	Conversational Spanish I	3
SPAN-251	Conversational Spanish II	3

CSU Graduation Requirement - U.S. History, Constitution and American Ideals

Although this requirement is not part of the Cal-GETC requirements for CSU, all students must complete coursework in American Ideals. The courses may also be used to partially fulfill the Social and Behavioral Sciences area of Cal-GETC requirements. Students are required to complete a course, courses or examinations that address:

US-1: The historical development of American institutions and ideals; *and*

US-2: The Constitution of the United States and the operation of representative democratic government under that Constitution; *and*

US-3: The process of California state and local government.

This requirement may be fulfilled prior to transfer by completion of a course or courses that satisfy all three areas (US-1, US-2, and US-3). Please note that the course designations below are unique to Grossmont College.

Designations for 2025-2026

Code	Title	Units
ETHN-107	History of Race & Ethnicity in the United States (US-1, US-2)	3
ETHN-118	U.S. History: Chicano/Chicana Perspectives I (US-1)	3
ETHN-119	U.S. History: Chicano/Chicana Perspective II (US-1, US-3)	3
ETHN-130	U.S. History and Cultures: Native American Perspectives I (US-1)	3
ETHN-131	U.S. History and Cultures: Native American Perspectives II (US-1, US-3)	3
ETHN-180	U.S. History: Black Perspectives I (US-1, US-2)	3
ETHN-181	U.S. History: Black Perspectives II (US-1)	3
HIST-107	History of Race & Ethnicity in the United States (US-1, US-2)	3
HIST-108	Early American History (US-1, US-2)	3
HIST-109	Modern American History (US-1, US-3)	3
HIST-114	Comparative History of the Early Americas (US-1, US-2)	3
HIST-115	Comparative History of the Modern Americas (US-1, US-2, US-3)	3
HIST-118	U.S. History: Chicano/Chicana Perspectives I (US-1, US-2)	3
HIST-119	U.S. History: Chicano/Chicana Perspectives II (US-1, US-3)	3
HIST-122	Women in Early American History (US-1, US-2)	3
HIST-123	Women in Modern American History (US-1, US-3)	3
HIST-124	History of California (US-3)	3
HIST-130	U.S. History and Cultures: Native American Perspectives I (US-1, US-2)	3
HIST-131	U.S. History and Cultures: Native American Perspectives II (US-1, US-3)	3
HIST-180	U.S. History: Black Perspectives I (US-1, US-2)	3
HIST-181	U.S. History: Black Perspectives II (US-1)	3
POLS-C1000	American Government and Politics	3
POSC-140	Introduction to California Governments and Politics (US-3)	3
RELG-175	Religion, Government and Politics in America (US-2, US-3)	3

Students are required to select either Option I, Option II, or Option III and then complete 1 or 2 courses. In Option I and Option II, one course must be from List A and one course from List B. In Option III, the List A course fulfills all three designations. This information is current at the time of catalog production.

Option I

Select one course from List A and one course from List B.

Code	Title	Units
List A		
ETHN-118	U.S. History: Chicano/Chicana Perspectives I	3
ETHN-130	U.S. History and Cultures: Native American Perspectives I	3
ETHN-180	U.S. History: Black Perspectives I	3
HIST-107	History of Race & Ethnicity in the United States	3
HIST-108	Early American History	3
HIST-114	Comparative History of the Early Americas	3
HIST-122	Women in Early American History	3
HIST-130	U.S. History and Cultures: Native American Perspectives I	3
HIST-180	U.S. History: Black Perspectives I	3
List B		
ETHN-119	U.S. History: Chicano/Chicana Perspective II	3
ETHN-131	U.S. History and Cultures: Native American Perspectives II	3
HIST-109	Modern American History	3

HIST-119	U.S. History: Chicano/Chicana Perspectives II	3
HIST-123	Women in Modern American History	3
HIST-124	History of California	3
HIST-131	U.S. History and Cultures: Native American Perspectives II	3
POLS-C1000	American Government and Politics	3
POSC-140	Introduction to California Governments and Politics	3

or

Option II
Select one course from List A and one course from List B.

Code	Title	Units
List A		
POLS-C1000	American Government and Politics	3
RELG-175	Religion, Government and Politics in America	3
List B		
ETHN-118	U.S. History: Chicano/Chicana Perspectives I	3
ETHN-119	U.S. History: Chicano/Chicana Perspective II	3
ETHN-130	U.S. History and Cultures: Native American Perspectives I	3
ETHN-181	U.S. History: Black Perspectives II	3
HIST-109	Modern American History	3
HIST-118	U.S. History: Chicano/Chicana Perspectives I	3
HIST-119	U.S. History: Chicano/Chicana Perspectives II	3
HIST-130	U.S. History and Cultures: Native American Perspectives I	3
HIST-181	U.S. History: Black Perspectives II	3

or

Option III
Choose a course from List A.

Code	Title	Units
List A		
HIST-115	Comparative History of the Modern Americas	3

Course Identification Numbering System (C-ID)

The Course Identification Numbering System (C-ID) is a statewide numbering system independent from the course numbers assigned by local California community colleges. A C-ID number next to a course signals that participating California colleges and universities have determined that courses offered by other California community colleges are comparable in content and scope to courses offered on their own campuses, regardless of their unique titles or local course number. Thus, if a schedule of classes or catalog lists a course bearing a C-ID number, students at that college can be assured that it will be accepted in lieu of a course bearing the C-ID designation at another community college. However, students should always go to https://www.assist.org to confirm how each college's course will be accepted at a particular four-year college or university for transfer credit.

The C-ID numbering system is useful for students attending more than one community college and is applied to many of the transferable courses students need as preparation for transfer. Because these course requirements may change and because courses may be modified and qualified for or deleted from the C-ID database, students should always check with a counselor to determine how C-ID designated courses fit into their educational plans for transfer. Every effort has been made to ensure this reflects the most current and accurate information. To refer to the official repository please visit https://c-id.net/.

Grossmont Course	C-ID #
ANTH-120	ANTH 120
ANTH-130	ANTH 110
ANTH-131	ANTH 115 L
ANTH-140	ANTH 150
ANTH-215	MATH 110
ANTH-215	SOCI 125
AOJ-110	AJ 110
AOJ-125	AJ 200
AOJ-200	AJ 120
AOJ-202	AJ 124
AOJ-204	AJ 122
AOJ-206	AJ 140
AOJ-208	AJ 220
AOJ-240	AJ 160
ART-141	ARTH 120
ART-119	ARTS 270
ART-120	ARTS 100
ART-121	ARTS 210
ART-124	ARTS 110
ART-125	ARTS 205
ART-129	ARTS 101
ART-140	ARTH 110
ART-146	ARTH 130
ART-171	ARTS 250
ART-230	ARTS 200
BIO-140	BIOL 110 B
BIO-141, BIO-141L	BIOL 120 B
BIO-230	BIOL 190
BIO-240	BIOL 140
BUS-110	BUS 110
BUS-120	ACCT 110
BUS-121	ACCT 120
BUS-125	BUS 125
BUS-125	BUS 120
BUS-128	BUS 115
BUS-128	BUS 115
CD-125	CDEV 100
CD-130	ECE 130
CD-131	CDEV 110

CD-132	ECE 200
CD-133	ECE 210
CD-134	ECE 220
CD-153	ECE 230
CD-212	ECE 210
CD-213	ECE 200
CHEM-141	CHEM 110
CHEM-141, CHEM-142	CHEM 120 S
CHEM-231, CHEM-232	CHEM 160 S
COMM-120	COMM 130
COMM-124	COMM 150
COMM-135	COMM 170
COMM-137	COMM 140
COMM-145	COMM 120
COMM-240	COMM 160 B
COMM-C1000	COMM 110
CSIS-110	BUS 140
CSIS-110	ITIS 120
CSIS-165	COMP 142
CSIS-240	COMP 152
CSIS-293	COMP 112
CSIS-293	COMP 122
CSIS-294	COMP 132
ECON-120	ECON 202
ECON-121	ECON 201
ECON-215	MATH 110
ENGL-122	ENGL 120
ENGL-126	ENGL 200
ENGL-221	ENGL 160
ENGL-222	ENGL 165
ENGL-231	ENGL 130
ENGL-232	ENGL 135
ENGL-C1000	ENGL 100
ENGL-C1001	ENGL 105
ES-250	KIN 100
ESL-122	ENGL 100
ETHN-114	SOCI 150
GEND-116	SJS 120
GEND-117	SJS 130
GEOG-104	GEOG 155
GEOG-120	GEOG 110
GEOG-121	GEOG 111
GEOG-121	GEOL 120 L
GEOG-130	GEOG 120
GEOG-140	GEOG 130
GEOG-170	GEOG 140
GEOL-110	GEOL 100
GEOL-111	GEOL 100 L
GEOL-121	GEOL 111
HIST-100	HIST 150
HIST-101	HIST 160
HIST-105	HIST 170
HIST-106	HIST 180
HIST-108	HIST 130
HIST-109	HIST 140
MATH-178	MATH 140
MATH-180	MATH 210
MATH-180, MATH-280	MATH 900 S
MATH-281	MATH 230
MATH-284	MATH 250
MATH-285	MATH 240
MCOM-110	JOUR 100
MCOM-112	JOUR 110
MCOM-132A	JOUR 130
MCOM-132B	JOUR 131
MCOM-212	JOUR 120
MUS-105	MUS 120
MUS-106	MUS 130
MUS-132	MUS 170
MUS-133	MUS 171
MUS-138	MUS 180
MUS-139	MUS 180
MUS-150	MUS 180
MUS-151	MUS 180
MUS-152	MUS 180
MUS-153	MUS 180
MUS-154	MUS 180
MUS-155	MUS 180
MUS-156	MUS 180
MUS-157	MUS 180
MUS-166	MUS 180
MUS-167	MUS 180
MUS-190	MUS 160
MUS-191	MUS 160
MUS-205	MUS 140
MUS-206	MUS 150
MUS-232	MUS 172
MUS-238	MUS 180
MUS-239	MUS 180
MUS-250	MUS 180
MUS-251	MUS 180
MUS-252	MUS 180
MUS-253	MUS 180
MUS-254	MUS 180
MUS-255	MUS 180
MUS-256	MUS 180
MUS-257	MUS 180
MUS-266	MUS 180
MUS-267	MUS 180
MUS-290	MUS 160
MUS-291	MUS 160
NUTR-205	NUTR 120
PHIL-110	PHIL 100
PHIL-130	PHIL 110

PHIL-140	PHIL 120
PHYC-130	PHYS 105
PHYC-131	PHYS 110
PHYC-201	PHYS 205
PHYC-202	PHYS 210
PHYC-203	PHYS 215
POLS-C1000	POLS 110
POSC-120	POLS 150
POSC-124	POLS 130
POSC-130	POLS 140
POSC-150	POLS 120
PSYC-C1000	PSY 110
PSY-134	PSY 130
PSY-138	PSY 170
PSY-140	PSY 150
PSY-150	PSY 180
PSY-170	PSY 120
PSY-205	PSY 200
PSY-215	MATH 110
PSY-215	SOC 125
SOC-114	SOCI 150
SOC-120	SOCI 110
SOC-125	SOCI 130
SOC-130	SOCI 115
SOC-138	PSY 170
SOC-140	SOCI 140
SOC-215	MATH 110
SOC-215	SOCI 125
SPAN-120	SPAN 100
SPAN-121	SPAN 110
SPAN-122	SPAN 220
SPAN-123	SPAN 230
SPAN-220	SPAN 200
SPAN-221	SPAN 210
STAT-C1000	MATH 110
THTR-101	THTR 114
THTR-102A	THTR 192
THTR-102B	THTR 192
THTR-102C	THTR 192
THTR-102D	THTR 192
THTR-103A	THTR 192
THTR-103B	THTR 192
THTR-103C	THTR 192
THTR-103D	THTR 192
THTR-104A	THTR 192
THTR-104B	THTR 192
THTR-104C	THTR 192
THTR-104D	THTR 192
THTR-110	THTR 111
THTR-111A	THTR 191
THTR-111B	THTR 191
THTR-111C	THTR 191
THTR-111D	THTR 191
THTR-112A	THTR 192
THTR-112B	THTR 192
THTR-112C	THTR 192
THTR-112D	THTR 192
THTR-122A	THTR 191
THTR-122B	THTR 191
THTR-122C	THTR 191
THTR-122D	THTR 191
THTR-123A	THTR 192
THTR-123B	THTR 192
THTR-123C	THTR 192
THTR-123D	THTR 192
THTR-130	THTR 151
THTR-131	THTR 152
THTR-134A	THTR 174
THTR-155	THTR 171
THTR-156	THTR 172
THTR-157	THTR 173

Associate Degree Programs and Certificates

A

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- Administration of Justice for Transfer (AS-T) (p. 92)
- Administration of Justice Geospatial Literacy Certificate of Proficiency (p. 93)
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- Applied Artificial Intelligence Certificate of Proficiency (p. 96)
- Arabic Associate in Arts and Certificate of Achievement (p. 95)
- Art Associate in Arts (p. 97)
- Art History for Transfer (AA-T) (p. 98)
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B

- Banquet Cook Certificate of Achievement (p. 99)
- Basic Arabic for Healthcare Professionals Certificate of Proficiency (p. 100)
- Biological Sciences Associate in Science (p. 101)
- Biological Sciences: Pre-Allied Health Associate in Science (p. 101)
- Biology for Transfer (AS-T) (p. 100)
- Business – General Associate in Science and Certificate of Achievement (p. 103)
- Business Administration Associate in Science and Certificate of Achievement (p. 102)
- Business Administration for Transfer 2.0 (AS-T) (p. 103)
- Business Information Worker Certificate of Achievement (p. 104)
- Business Office Technology Administrative Assistant Associate in Science and Certificate of Achievement (p. 104)
- Business Office Technology Executive Assistant Associate in Science and Certificate of Achievement (p. 106)

C

- California General Education Transfer Curriculum (Cal-GETC) Certificate of Achievement (p. 108)
- Cardiovascular Technology Associate in Science (p. 107)
- Chemistry Associate in Science and Certificate of Achievement (p. 109)
- Child Development Master Teacher Associate in Science and Certificate of Achievement (p. 110)
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- Communication Associate in Arts (p. 112)
- Communication Studies for Transfer 2.0 (AA-T) (p. 112)
- Computer Programming Associate in Science and Certificate of Achievement (p. 113)
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D

- Dance Associate in Arts and Certificate of Achievement (p. 119)
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E

- Early Childhood Education for Transfer (AS-T) (p. 121)
- Economics Associate in Arts (p. 122)
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- ESL Milestone - Pathway to Transfer: Social and Behavioral Sciences Certificate of Achievement (p. 128)
- ESL Milestone - Pathway to Transfer: Visual and Performing Arts Certificate of Achievements (https://catalog.gcccd.edu/grossmont/associate-degree-programs-certificates/visual-performing-arts/esl-milestone-visual-perf-arts-cert-achievement/)
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F

- Fitness Specialist Certification, Certificate of Proficiency (p. 131)
- Forensic Technology Associate in Science and Certificate of Achievement (p. 131)
- French Associate in Arts and Certificate of Achievement (p. 132)
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G

- General Studies AA - Humanities and Fine Arts (p. 133)
- General Studies AA - Social and Behavioral Sciences (p. 136)
- General Studies AA - Wellness and Self-Development (p. 137)
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- Geography Associate in Science (p. 141)
- Geography for Transfer (AA-T) (p. 142)
- Geology Associate in Science (p. 143)
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- German Associate in Arts and Certificate of Achievement (p. 144)
- Global Awareness and Appreciation Certificate of Proficiency (p. 145)
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- Global Trade Operations, Supply Chain Management Certificate of Achievement (p. 146)

H

- History for Transfer (AA-T) (p. 146)
- Hospitality and Tourism Management Associate in Science and Certificate of Achievement (p. 147)
- Humanities Associate in Arts (p. 148)

I

- Information Technology Support Specialist Associate in Science and Certificate of Achievement (p. 149)
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- Insurance Services Certificate of Proficiency (p. 150)
- Interfaith Religious Literacy Certificate of Achievement (p. 150)
- International Business Associate in Science and Certificate of Achievement (p. 151)

J

- Japanese Associate in Arts (p. 152)
- Jewelry Design Certificate of Achievement (p. 152)
- Journalism for Transfer (AA-T) (p. 153)

K

- Killer Robots, Drugs, and Mirror Molecules: Ethical Decision-Making in a Rapidly Changing World Certificate of Achievement (p. 153)
- Kinesiology for Transfer (AA-T) (p. 154)

L

- Latin American Studies Associate in Arts (p. 155)
- Law Enforcement Associate in Science and Certificate of Achievement (p. 156)
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M

- Management Associate in Science and Certificate of Achievement (p. 157)
- Marketing Associate in Science and Certificate of Achievement (p. 158)
- Mathematics Associate in Science (p. 158)
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- Musical Theatre Associate in Arts and Certificate of Achievement (p. 163)

N

- Network and Cybersecurity Technician Certificate of Proficiency (p. 165)
- Nursing Associate in Science (p. 165)
- Nutrition Associate in Science and Certificate of Achievement (p. 167)

O

- Occupational Therapy Assistant Associate in Science (p. 167)
- Oceanography Associate in Science (p. 169)
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- Office Software Specialist, Level I Certificate of Proficiency (p. 171)
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P

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- Photography Associate in Arts (p. 175)
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- Physics Associate in Science (p. 176)
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- Political Science Associate in Arts (p. 177)
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- Prep Cook Certificate of Achievement (p. 179)
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R

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- Russian Associate in Arts and Certificate of Achievement (p. 182)

S

- Security Management Associate in Science and Certificate of Achievement (p. 182)
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- Sociology for Transfer (AA-T) (p. 184)
- Spanish Associate in Arts and Certificate of Achievement (p. 184)

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- Studio Art for Transfer (AA-T) (p. 186)

T

- Telemetry / ECG Technician Certificate of Achievement (p. 187)
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U

- University Studies - Business and Economics (AA) (p. 191)
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- University Studies - Humanities and Fine Arts (AA) (p. 193)
- University Studies - Mathematics and Natural Science and Computer Science (AS) (p. 197)
- University Studies - Social and Behavioral Sciences (AA) (p. 199)

V

- Virtual Office Assistant Certificate of Proficiency (p. 201)

W

- War on Drugs Certificate of Achievement (p. 201)
- Web Design and Development Associate in Science and Certificate of Achievement (p. 202)

- Business (https://catalog.gcccd.edu/grossmont/associate-degree-programs-certificates/business/)
- Health Sciences (https://catalog.gcccd.edu/grossmont/associate-degree-programs-certificates/health-sciences/)
- Humanities (https://catalog.gcccd.edu/grossmont/associate-degree-programs-certificates/humanities/)
- Language and Communication (https://catalog.gcccd.edu/grossmont/associate-degree-programs-certificates/language-communication/)
- Science, Technology, Engineering, and Math (STEM) (https://catalog.gcccd.edu/grossmont/associate-degree-programs-certificates/stem/)
- Social and Behavioral Sciences (https://catalog.gcccd.edu/grossmont/associate-degree-programs-certificates/social-behavioral-sciences/)
- Visual & Performing Arts (https://catalog.gcccd.edu/grossmont/associate-degree-programs-certificates/visual-performing-arts/)

Account Clerk Certificate of Proficiency

The following Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. These certificates will not appear on a student's transcript.

This certificate prepares a beginning student to work in a job that requires bookkeeping skills as well as an ability to provide account clerk support using accounting software. Many jobs at the entry level are available for someone who has training in these two areas

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BOT-101A	Keyboarding/Document Processing I	1.5
BOT-101B	Keyboarding/Document Processing II	1.5
BOT-109	Elementary Accounting	3
BOT-176	Computerized Accounting Applications	2
BOT-179	Computerized Accounting Lab	1
Total Units		**9**

Associate Degree for Transfer℠

Administration of Justice for Transfer (AS-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Science in Administration of Justice for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The Associate in Science in Administration of Justice for Transfer (AS-T) degree is designed for students who are planning a career in Administration of Justice and wish to transfer to a CSU to complete a bachelor's degree in Criminal Justice. A student may apply for this degree in conjunction with an Associate in Science in Administration of Justice with an emphasis in Law Enforcement, Corrections, or Forensic Technology, provided the required courses are met for those emphasis degrees. Many of the required courses for the emphasis degrees meet the requirements for the transfer degree. A student should speak with a counselor to verify if requirements for the degree have been met.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education and Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate knowledge, skills, and abilities relevant to the AOJ degree program completed.
    2. Demonstrate ethical and professional behavior.
    3. Communicate effectively, in written, verbal and non-verbal forms.
    4. Identify the major components of the criminal justice system, current and historical, including laws enforcement, courts and corrections.
    5. Describe and/or demonstrate the stages of a criminal investigation and the protocol of evidence collection, preservation, and analysis.

Associate in Science for Transfer Degree Requirements

Code	Title	Units
Required Core		
AOJ-110	Introduction to Administration of Justice	3
AOJ-200	Criminal Law	3
List A		
Select two of the following:		6
AOJ-125	Introduction to Corrections	
AOJ-202	Criminal Evidence	
AOJ-204	Criminal Trial Process	
AOJ-206	Criminal Investigation	
AOJ-208	Juvenile Procedures	
AOJ-240	Community and the Justice System	
List B		
Select two of the following:		6-7
Any List A course not used above or		
POLS-C1000	American Government and Politics	
SOC-120	Introductory Sociology	
SOC-130	Contemporary Social Problems	
STAT-C1000	Introduction to Statistics	
or ANTH-215/ PSY-215/ SOC-215	Statistics for the Behavioral Sciences	
Units in the major		**18-19**

Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)	34
Total Units	**60**

Complete transferable units as needed to reach 60.

Administration of Justice Geospatial Literacy Certificate of Proficiency



Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. This certificate will not appear on a student's transcript.

The AOJ-Geospatial Literacy certificate provides the skills and knowledge valuable to an entry-level employment opportunity for the student that finishes the courses below. The skills in this certificate are aimed at a student preparing for a career in the administration of justice, including government or private-sector work. These careers can be enhanced with computer mapping skills. Students will gain familiarity using the latest cutting edge technology and GIS software that will enable them to analyze, interpret and manipulate crime data for problem solving applied to real world situations. In the AOJ field, examples include the databases that are used by ARJIS (the Automated Regional Justice Information System) and forensic geospatial analysis used within investigations. Entry level positions are available for someone who has skills in geospatial technologies coupled with an AOJ background.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
AOJ-110	Introduction to Administration of Justice	3
GEOG-104	Introduction to Geographic Information Science	3
Total Units		**6**

American Sign Language Associate in Arts and Certificate of Achievement



The ASL degree is designed for students to acquire advanced expressive and receptive signing skills It also gives students greater awareness of the Deaf culture and Deaf community This degree is meant for the student who wants to work with Deaf people Communicating in sign language and understanding Deafness is critical in any career where one works with Deaf and hard of hearing people The emphasis is on paraprofessional vocations such as teacher's aid, child care worker, etc Students completing the ASL degree may wish to transfer to a four year institution or continue their studies in interpreting

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

- Case Worker
- Certified Translator
- Certified Terminologist
- Education Counselor
- Interpreter
  - ASL (American Sign Language)
  - Certified
  - Conference
  - Court
  - Educational
  - Foreign Broadcast
  - Legal
  - Literacy
  - Medical
- Program Coordinator
- Rehabilitation Counselor
- Teacher
-

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
   1. Converse fluently in ASL with peers both hearing and Deaf by applying the language in conversations, ASL storytelling, or narratives
   2. Understand the grammar structures of ASL and apply them in dialogues
   3. Demonstrate knowledge of the Deaf culture heritage and Deaf values through presentations, papers, and written exams
   4. Demonstrate knowledge of local and national resources for Deaf, hard of hearing, and late Deafened adults through presentations, papers, exams, or group demonstrations
   5. Demonstrate an awareness how to work with Deaf people in a variety of settings through community service learning

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
ASL-120	American Sign Language I	4
ASL-121	American Sign Language II	4
ASL-130	American Sign Language: Fingerspelling	3
ASL-131	American Sign Language: Fingerspelling II	3
ASL-140	Inside Deaf Culture	3
ASL-220	American Sign Language III	4
ASL-221	American Sign Language IV	4
PSYC-C1000	Introduction to Psychology	3
Total Units		**28**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a certificate of Achievement in American Sign Language An official request from the student must be filed with the Admissions and Records Office prior to the deadline stated in the yearly calendar which is listed in the class schedule and catalog.

Associate Degree for Transfer℠

Anthropology for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts for Transfer in Anthropology** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

Anthropology is the study of all aspects of humans, from the earliest primate ancestors to contemporary societies. Students of anthropology learn about human evolution, apply scientific research methods, understand human cultural diversity, and learn to work effectively in a multi-cultural environment. These competencies can help students succeed in a global society.

A major in anthropology offers a solid foundation for students planning undergraduate and graduate work in anthropology, archaeology, or related fields in the social sciences or life sciences. Anthropology is an excellent background for professional training in medicine, education, law, business, or social work, and for careers in the private sector, government, and non-profit organizations.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Describe and apply anthropological perspectives and holistic approaches to cultural and biological systems.
    2. Explain the process of evolution by natural selection, with an emphasis on human and nonhuman primate evolution.
    3. Identify and analyze cultural variation in beliefs, practices, and social organization across and within human groups.

Associate in Arts for Transfer Degree Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Required Core		
ANTH-120	Cultural Anthropology	3
ANTH-130	Introduction to Biological Anthropology	3
ANTH-140	Introduction to Archaeology	3
List A		
Select one of the following:		4
ANTH-131	Biological Anthropology Laboratory	
ANTH-215	Statistics for the Behavioral Sciences	
PSY-215	Statistics for the Behavioral Sciences	
SOC-215	Statistics for the Behavioral Sciences	
STAT-C1000	Introduction to Statistics	
List B		
Select one (1) to two (2) of the following or any List A course not already used:		3-4
BIO-140	Human Anatomy	
GEOG-104	Introduction to Geographic Information Science	
GEOL-110 & GEOL-111	Planet Earth and Planet Earth Laboratory	
PSY-205	Research Methods in Psychology	
SCI-110	Introduction to Scientific Thought	
List C		
Select one (1) of the following or any course from List A or List B not already used:		3-4
ANTH-122	Anthropology of Magic, Witchcraft, and Religion	
ANTH-127	Cultures of Latin America	
COMM-124	Intercultural Communication	
ETHN-114	Introduction to Race & Ethnicity	
or SOC-114	Introduction to Race & Ethnicity	
ETHN-115	Introduction to Cultural Competence	
ETHN-130	U.S. History and Cultures: Native American Perspectives I	
or HIST-130	U.S. History and Cultures: Native American Perspectives I	
ETHN-131	U.S. History and Cultures: Native American Perspectives II	
or HIST-131	U.S. History and Cultures: Native American Perspectives II	
ETHN-134	Introduction to American Indian Art	
ETHN-137	American Indian Culture and Heritage	
ETHN-138	The History and Cultures of California Indians	

ETHN-144	Communication Studies: Race and Ethnicity	
or COMM-144	Communication Studies: Race and Ethnicity	
GEOG-130	Human Geography: The Cultural Landscape	
RELG-120	World Religions	
SOC-140	Sex and Gender Across Cultures	
Units for the major		**19-21**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Arabic Associate in Arts and Certificate of Achievement



This program is designed to provide students with skills in understanding, speaking, reading, and writing Arabic. It also gives students a greater understanding of Arabic culture and civilization and prepares them for greater international and domestic career opportunities. For the suggested sequence of courses to be taken, and/or for assistance in transferring to a four-year institution, students should consult the Counseling Center or the Department of World Languages.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Advertising
Bilingual Aide
Foreign Correspondent[1]
Foreign Broadcast Specialist[1]
Import-Export Agent
In-Country Representative
Intelligence Specialist
Journalist[1]
Manufacturer's Representative
Sales Person
Scientist Linguist
Teacher/Professor[1]
Translator/Interpreter[1]
Travel Agent
United Nations Guide

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Utilize more complex vocabulary and grammatical structures to communicate and discuss hypothetical situations dealing with nature, city, life, health and well-being, professions and occupations, the arts, current events, and politics.
2. Utilize more complex vocabulary and grammatical structures to write about situations dealing with nature, city, life, health and well-being, professions and occupations, the arts, current events, and politics.
3. Use language and vocabulary skills developed in class to read, analyze, and interpret authentic texts.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
ARBC-120	Arabic I	5
ARBC-121	Arabic II	5
ARBC-148	Language, Culture, and Literature of the Arab World	3
ARBC-220	Arabic III	5
or ARBC-122	Arabic for the Arabic Speaker I	
ARBC-221	Arabic IV	5
or ARBC-123	Arabic for the Arabic Speaker II	
ARBC-250	Conversational Arabic I	3
ARBC-251	Conversational Arabic II	3
Total Units		**29**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Arabic. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Applied Artificial Intelligence Associate in Science and Certificate of Achievement



The Computer Science Information Systems (CSIS) curricula provides a foundation in computing and information systems serving the diverse goals of the Grossmont community: employment in various phases of the computing industry, transfer to a baccalaureate institution for continued study in the computer and information sciences, training in selected topics for application in other professions or for personal enrichment, and advanced study for returning computing professionals. Throughout, emphasis is placed on blending fundamental theory and technique with practical applications in business, scientific and academic computing. A guiding principle is the use of intense hands-on instruction with state-of-the-art computer technology.

Three related but distinct areas of emphasis designed to provide corresponding job entry points are available as two-year curricula: Computer Vision, Natural Language Processing, and Deep Learning. Completion of the Computer Science Information Systems core courses

or their equivalent plus any one area of emphasis satisfies the major requirements for the Associate Degree.

An area of emphasis leading to an entry level position which specializes in artificial intelligence or machine learning. Students completing this sequence will be expected to assist data analysts, data driven decision making, and automation for small, medium, and large-sized organizations.

Career Opportunities https://www.grossmont.edu/student-support/career-center/resources.php (http://www.grossmont.edu/student-support/career-center/resources.php)

- AI Systems Tester
- Data Annotator/Labeler
- Junior AI Developer
- Automation Technician
- Chatbot Maintenance Technician
- AI Help Desk Support
- Junior Data Analyst
- Process Automation Assistant
- AI Trainer
- Data Scientist[1]
- Machine Learning Engineer[1]
- AI Researcher[1]
- AI Product Manager[1]
- Natural Language Processing (NLP) Specialist[1]
- Computer Vision Engineer[1]
- AI/ML Consultant[1]
- Deep Learning Engineer[1]
- Data Engineer[1]
- AI Ethics Specialist[1]
- Business Intelligence Analyst[1]
- AI Systems Architect[1]

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Analyze and evaluate machine learning and artificial intelligence frameworks that best fit a problem, data set, or process automation in a business and/or scientific environment.
2. Design a technologically feasible and efficient solution.
3. Standup and implement the solution.
4. Demonstrate and explain the solution.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CSIS-115	Intro. to AI and Machine Learning	3
CSIS-185	Computational Theory F/Artificial Intell	3
CSIS-250	Introduction to Python Programming	4
CSIS-252	Cybersecurity and AI With Python	4
CSIS-256	Introduction to Generative Artificial Intelligence Models	3
CSIS-266	Introduction to Large Language Models	3
CSIS-275	Artificial Intelligence Prompt Design	3
CSIS-292	Applied Artificial Intelligence in Cloud Computing	3
PHIL-142	Ethics of Technology	3
Select at least 3 units from the following:		3
CSIS-225	Natural Language Processing	
CSIS-235	Deep Learning	
CSIS-285	Computer Vision	
Total Units		**32**

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Applied Artificial Intelligence. An official request must be filed with the Admissions and Records Office prior to the deadline stated in the Academic Calendar.

Applied Artificial Intelligence Certificate of Proficiency



The certificate prepares students by covering an area of emphasis leading to an entry level position which specializes in artificial intelligence or machine learning. Students completing this sequence will be expected to assist data analysts, data driven decision making, and automation for small, medium, and large-sized organizations.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Analyze and evaluate machine learning and artificial intelligence frameworks that best fit a problem, data set, or process automation in a business and/or scientific environment.
2. Design a technologically feasible and efficient solution.
3. Standup and implement the solution.
4. Demonstrate and explain the solution.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CSIS-250	Introduction to Python Programming	4
CSIS-115	Intro. to AI and Machine Learning	3
CSIS-266	Introduction to Large Language Models	3
CSIS-256	Introduction to Generative Artificial Intelligence Models	3

Any student who chooses to complete only the courses related to growing industry focuses listed above qualifies for a Certificate of Proficiency in Applied Artificial Intelligence. Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. This certificate will not appear on a student's transcript.

Art Associate in Arts



The AA – Art degree offers an engaged approach towards artistic practice and critical discourse through a variety and breadth of studio arts and art history courses, including two- and three-dimensional design, ceramics, digital art, drawing and painting, photography and sculpture. In addition to the core requirements, students can further pursue an emphasis of studio practice specific to their area of interest, including Ceramics, Digital Art, Drawing and Painting as well as Sculpture/Public Art.

Students planning to transfer to SDSU or any other four-year institution should consult with a counselor as well as with the Visual Arts and Humanities department chair.

The Visual Arts and Humanities Department fosters appreciation of culture through intellectual and practical engagement with the visual arts and humanities. Its mission is to teach artistic and critical thinking skills and an understanding of culture and history for degree, transfer and career-seeking students. The department values excellence and empowerment through creative expression, community engagement, and respect for the diversity of culture and the human experience.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

-
- Advertising Manager[1]
- Antique Dealer
- Architect[1]
- Art Historian[1]
- Art Educator[1]
- Art Therapist[1]
- Ceramist
- Curator[1]
- Cartoonist[2]
- Designer[2]
  - Fashion
  - Floral
  - Graphic
  - Interior
  - Set
- Display Manager
- Face Painter
- Layout Artist
- Make-up Artist
- Museum Curator[1]
- Museum Director[1]
- Museum Technician
- Painter
- Photographer
- Police Artist
- Sculptor
- Teacher/Professor[1]
- Technical Illustrator

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Analyze and critically evaluate style and composition of artworks through written, verbal, and creative means.
2. Explore, evaluate, analyze artwork within local and global contextual frameworks.
3. Investigate, examine, and practice the creative process and motivations of art makers.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Core Curriculum		
ART-120	Two-Dimensional Design	3
ART-124	Drawing I	3
ART-129	Three-Dimensional Design	3
ART-140	Survey of Western Art I: Prehistory Through Middle Ages	3
or ART-141	Survey of Western Art II: Renaissance Through Modern	
Total Units		**12**

Ceramics Area of Emphasis

Code	Title	Units
ART-126	Ceramics I	3
ART-127	Ceramics II	3
ART-128	Ceramics III	3
Select one of the following:		3
ART-136	Glaze Formulation	
ART-226	Ceramics IV	
ART-227	Ceramics Exhibition and Portfolio	
Plus Core		12
Total Units		**24**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Digital Art Area of Emphasis

Code	Title	Units
ART-171	Introduction to Digital Art	3
ART-175	Digital Imaging and Art	3
Select four of the following:		12
ART-104	Artists and Designers Today	
ART-119	Color Theory	

ART-121	Painting I	
ART-177	Digital Drawing and Painting	
ART-184	Introduction to Animation	
ART-230	Figure Drawing I	
ART-240	Portraiture and Character Design	
PHOT-150	Introduction to Photography	
Plus Core		12
Total Units		**30**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Drawing and Painting Area of Emphasis

Code	Title	Units
ART-121	Painting I	3
ART-125	Drawing II	3
ART-220	Painting II	3
or ART-230	Figure Drawing I	
Select three of the following:		9
ART-104	Artists and Designers Today	
ART-106	Introduction to Mural Painting and Design	
ART-119	Color Theory	
ART-210	Introduction to Printmaking	
ART-221	Painting III	
ART-222	Painting IV	
ART-231	Figure Drawing II	
ART-240	Portraiture and Character Design	
Plus Core		12
Total Units		**30**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Sculpture - Area of Emphasis

Code	Title	Units
ART-130	Sculpture I	3
ART-229	Sculpture II	3
Select two of the following:		6
ART-280	Sculpture III: The Structure of Sculpture	
ART-283A	Foundry I	
ART-283B	Foundry II	
Plus Core		12
Total Units		**24**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Associate Degree for Transfer℠

Art History for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created **the Associate in Arts in Art History for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The AA-T degree in Art History provides students with a comprehensive foundation in both Western and non-Western art history, preparing them for transfer to a CSU. The program emphasizes critical analysis and interpretation of artworks in their cultural, historical, and social contexts. Students develop practical skills in museum studies through projects such as conservation reports and gallery guides, while also honing their ability to evaluate art through written, verbal, and creative methods. Students planning to transfer to SDSU or other CSUs should consult with a counselor, the Visual Arts and Humanities department chair or the art history faculty.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education, and Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Analyze and critically evaluate style and composition of artworks through written, verbal, and creative means.
    2. Analyze and interpret the meaning of artworks within their cultural, historical, and social contexts, demonstrating familiarity with major periods, styles, and movements in Western and non-Western art history, spanning from ancient to contemporary times.
    3. Create a portfolio showcasing skills in museum studies and art history through assignments such as conservation reports, gallery guides, catalog entries, museum labels, visual analyses, and field notes.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
ART-124	Drawing I	3
ART-140	Survey of Western Art I: Prehistory Through Middle Ages	3
ART-141	Survey of Western Art II: Renaissance Through Modern	3
List A		
Select one of the following:		3
ART-142	Art of Africa, Oceania and the Americas	
ART-146	Asian Art	
List B		
Select one of the following:		3
ART-120	Two-Dimensional Design	
ART-129	Three-Dimensional Design	
List C		
Select one of the following:		3
Any List A or List B course not used above		
ART-143	Modern Art	
ART-145	Contemporary Art	
ART-147	American Art	
Units for the major		**18**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Associate Teacher Certificate of Proficiency



Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. These certificates will not appear on a student's transcript.

The Associate Teacher is an entry level position in the child care and early education field. This certificate meets the educational requirements for a teacher for the State of California, Community Care Licensing and the California Commission on Teacher Credentialing Associate Teacher level Permit. The course includes approximately 15 days of the 50 day experience requirements for these positions.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CD-106	Practicum: Beginning Observation and Experience	1
CD-123	Principles and Practices of Programs and Curriculum for Young Children	3
CD-125	Child Growth and Development	3
CD-131	Child, Family and Community	3
Select one of the following:		3
CD-121	The Arts and Creativity for Young Children	
CD-127	Science and Mathematics for Child Development	
CD-129	Language and Literature for Child Development	
CD-143	Responsive Planning for Infant/Toddler Care	
Total Units		**13**

Any student who completes this Certificate of Proficiency and 50 days of experience in an early childhood program may apply to the California Teachers Credentialing Office for an Associate Teacher Permit. For further information contact the Child Development department and https://www.ctc.ca.gov.

Banquet Cook Certificate of Achievement



The Banquet Cook certificate prepares the student who has no exposure to the field and those with limited experience to immediately enter any Food Service banquet operation in a banquet cook entry-level position with greater opportunity for advancement. The Food Service industry offers unlimited career opportunities and valuable experience. The foundation courses that can be completed in one or two semesters may lead to a Certificate of Achievement in Culinary Arts or with general education courses, an Associate of Science Degree in Culinary Arts.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CA-160	Banquet Service Production	3
CA-165	Sanitation for Food Service	1
CA-169	Essential Skills for Culinary Arts	3
CA-171	Intermediate Culinary Skills	3
CA-172	Principles of Soup, Stock and Sauce Preparation	3
Total Units		**13**

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Banquet Cook. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Basic Arabic for Healthcare Professionals Certificate of Proficiency



Certificates of Proficiency are designed for the student who needs to be prepared for effective interaction in a diverse workplace or other settings. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. These certificates will not appear on a student's transcript.

A certificate of proficiency is awarded to a student who completes Basic Arabic for Healthcare Professionals. This course is designed for healthcare professionals who would like to have a better understanding of the language and culture of the Arabic-speaking patient and to communicate in Arabic with them.

Program Learning Outcomes

Upon completing the course, the student will be able to:

Upon successful completion of this program, students will be able to:

1. Comprehend most basic medical terms and communicate with the patient in simple and meaningful spoken Arabic.
2. Use the target language effectively with patients in basic healthcare situation.
3. Communicate effectively with family members when sharing basic medical information.
4. Assist both the patient and doctor in the doctor's office.

Certificate of Proficiency

Note: Course must be completed with a letter grade of "C" or higher or "Pass.

Code	Title	Units
ARBC-161	Basic Arabic for Healthcare Professionals	1
Total Units		**1**



Associate Degree for Transfer℠

Biology for Transfer (AS-T)



In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Science in Biology for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The Biological Sciences Department offers a solid academic foundation for further study in life sciences. The primary emphasis of the biological sciences major program is to prepare students for successful transfer to baccalaureate (four-year) institutions. This course package for majors is modeled on the transfer requirement for the California State University system. Students should check the catalog of the transfer school being considered for its specific requirements and speak with a counselor.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Explain how differences are the result of changes in characteristics due to natural selection and other forces of evolution.
    2. Compare and contrast the ways that different kinds of cells, organisms or the community take in, use, and transfer energy to meet their metabolic needs (Homeostasis).
    3. Describe how genetic information is stored, expressed, and transferred to offspring.
    4. Explain how a specific structure has a specific function based on its characteristics.
    5. Explain causes of climate change (natural and anthropogenic influences), consequences of climate change and strategies for addressing the human influence.
    6. Demonstrate comfort and competence in interpreting and working with numerical data to weigh evidence, draw conclusions, and solve problems in biological applications.

Associate in Science for Transfer Degree Requirements

Code	Title	Units
Required Core		
BIO-230	Principles of Cellular, Molecular and Evolutionary Biology	4
BIO-240	Principles of Ecology, Evolution and Organismal Biology	5
List A		
CHEM-141	General Chemistry I	
CHEM-142	General Chemistry II	
MATH-180	Analytic Geometry and Calculus I	
PHYC-130	Fundamentals of Physics	
PHYC-131	Fundamentals of Physics	
List B		
BIO-215	Statistics for Life Sciences	

or ANTH-215	Statistics for the Behavioral Sciences	
or PSY-215	Statistics for the Behavioral Sciences	
or SOC-215	Statistics for the Behavioral Sciences	
or STAT-C1000	Introduction to Statistics	
Units in the major		**35-36**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Biological Sciences Associate in Science



The Biological Sciences Department offers a solid academic foundation for further study in life sciences. The primary emphasis of the biological sciences major program is to prepare students for successful transfer to baccalaureate (four-year) institutions. This course package for majors is modeled on the transfer requirements of San Diego State University and will satisfy requirements of most other California State University and University of California campuses. Students should check the catalog of the transfer school being considered for its specific requirements.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Aquatic Biologist[1]
Biologist[1]
Biotechnology Lab Technician[1]
Cytotechnologist
Ecologist[1]
Environmental Engineer[1]
Forensic Pathologist[1]
Geneticist[1]
Hydrologist[1]
Laboratory Assistant
Microbiologist[1]
Nuclear Medical Technician[2]
Physical Therapist[1]
Sanitarian[1]

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Explain how differences are the result of changes in characteristics due to natural selection and other forces of evolution.
2. Compare and contrast the ways that different kinds of cells, organisms or the community take in, use, and transfer energy to meet their metabolic needs (Homeostasis).
3. Describe how genetic information is stored, expressed, and transferred to offspring.
4. Explain how a specific structure has a specific function based on its characteristics.
5. Explain causes of climate change (natural and anthropogenic influences), consequences of climate change and strategies for addressing the human influence.
6. Demonstrate comfort and competence in interpreting and working with numerical data to weigh evidence, draw conclusions, and solve problems in biological applications.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BIO-215	Statistics for Life Sciences	3
BIO-230	Principles of Cellular, Molecular and Evolutionary Biology	4
BIO-240	Principles of Ecology, Evolution and Organismal Biology	5
CHEM-141	General Chemistry I	5
CHEM-142	General Chemistry II	5
CHEM-231	Organic Chemistry I	5
MATH-180	Analytic Geometry and Calculus I	5
PHYC-130	Fundamentals of Physics	4
PHYC-131	Fundamentals of Physics	4
Total Units		**40**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Biological Sciences: Pre-Allied Health Associate in Science



This program provides students with a pathway into allied health programs at baccalaureate institutions. Required science courses provide training in the methods of scientific inquiry, the fundamental principles of natural science, and the principle laws and theories governing the physical and life sciences. Recommended general education courses expose students to the necessary base of knowledge that will serve them well in any of the allied health fields. This degree is for students who plan to complete their formal education at the community college level, or for transfer to a baccalaureate institution, or for advanced studies in an allied health major. Prior to enrolling in several courses in this major, students must take general biology and general biology laboratory (Bio 120 or equivalent) as prerequisites. *It is recommended that students check with transfer institutions for specific program requirements.*

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Explain the principles and laws of living systems with particular reference to human disease and human performance, including the role of scientific inquiry in life/medical science, cell theory, the hierarchy of structure and function in living organisms, and principles of heredity.
2. Describe the normal relationships between structure and function relationships of humans, alterations in normal structure/function that characterize disease; the structure, function, classification and epidemiology of pathogenic microorganisms; and cellular and nutritional biochemistry.
3. Exhibit competency in the methods used to study living systems, with a focus on human biology including applying principles and procedures of research and experimental design, and gathering, organizing interpreting, evaluating and communicating data.
4. Exhibit confidence and ability to function as a health care professional including the ability to conduct independent and collaborative investigation skills, communicate scientific information electively in oral and written form, and utilize technology e#ectively and appropriately.
5. Exhibit the ability to integrate the content, skills and abilities gained in courses and practice independent, self- directed learning.

Associate Degree Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BIO-120	Principles of Biology	4
BIO-140	Human Anatomy	4
BIO-141	Human Physiology	3
BIO-141L	Laboratory in Human Physiology	1
BIO-152	Paramedical Microbiology	5
CHEM-102	Introduction to General, Organic and Biological Chemistry	5
COMM-C1000	Introduction to Public Speaking	3
PSYC-C1000	Introduction to Psychology	3
SOC-120	Introductory Sociology	3
Total Units		**31**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

*ALTERNATIVELY: BIO 144 (4 units) and BIO 145 (4 units) can be substituted for BIO 140 + BIO 141 + BIO 141L. Note that the student must complete either series (i.e., BIO 144 and BIO 145 or BIO 140 and BIO 141 and BIO 141L but cannot mix and match across the series. For example, a combination of BIO 144 and BIO 10 would not meet requirements.)

Recommended Electives: CD 125 Child Growth and Development or PSY 150 Developmental Psychology; STAT C1000 Introduction to Statistics or BIO 215 Biostatistics, PSY 140 Physiologic Psychology; Bio 118 Human Biology; BOT 161 Medical Terminology

Business Administration Associate in Science and Certificate of Achievement



The Business Administration curriculum is designed to give students who choose to work toward a bachelor's degree a well-balanced introduction to a professional career in business.

The program outlined below fulfills the lower division requirements for most majors in the School of Business Administration at San Diego State University and is typical of requirements at other four-year schools. For specific requirements, transfer students should consult the four-year college or university catalog.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Accountant[1]
Administrative Assistant
Advertising/Marketing[1]
Banking
Budget Analyst[1]
Business Publications
Claim Agent
Computer Operations
Controller[1]
Financial Manager[1]
Insurance Agent[2]
Lawyer[1]

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate in-depth knowledge and understanding of fundamental business concepts.
    2. Demonstrate the ability to identify, apply, and integrate functional business knowledge to solve problems in practical business situations involving accounting, law, and general business.
    3. Demonstrate effective written and oral skills in these areas.
    4. Demonstrate the ability to identify and resolve moral and ethical business issues.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BUS-120	Financial Accounting	4
BUS-121	Managerial Accounting	4

BUS-125	Business Law: Legal Environment of Business	3
BUS-128	Business Communication	3
CSIS-110	Principles of Information Systems	4
ECON-120	Principles of Macroeconomics	3
ECON-121	Principles of Microeconomics	3
MATH-178	Calculus for Business, Social and Behavioral Sciences	4
STAT-C1000	Introduction to Statistics	4
Total Units		**32**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Business Administration. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Associate Degree for Transfer℠

Business Administration for Transfer 2.0 (AS-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Science in Business for Transfer, 2.0** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The Associate in Science in Business Administration for Transfer 2.0 (AS-T) degree is designed to provide students with the common core of lower division courses required to transfer and pursue a baccalaureate degree in Business Administration. This includes business degrees with options such as accounting, finance, human resources management, international business, management, operations management, and marketing. The Associate in Science in Business Administration for Transfer 2.0 degree aligns with the CSU Bachelor of Science in Business Administration.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate In-depth knowledge and understanding of fundamental business concepts.
    2. Demonstrate the ability to identify, apply, and integrate functional business knowledge to solve problems in practical business situations involving accounting, law, and general business.
    3. Demonstrate effective written and oral skills in these areas.
    4. Demonstrate the ability to identify and resolve moral and ethical business issues.

Associate in Science for Transfer Degree Requirements

Code	Title	Units
Required Core		
BUS-120	Financial Accounting	4
BUS-121	Managerial Accounting	4
BUS-125	Business Law: Legal Environment of Business	3
BUS-128	Business Communication	3
ECON-120	Principles of Macroeconomics	3
ECON-121	Principles of Microeconomics	3
MATH-178	Calculus for Business, Social and Behavioral Sciences	4-5
or MATH-180	Analytic Geometry and Calculus I	
STAT-C1000	Introduction to Statistics	4
or ANTH-215	Statistics for the Behavioral Sciences	
or PSY-215	Statistics for the Behavioral Sciences	
or SOC-215	Statistics for the Behavioral Sciences	
Units in the major		**28-29**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Business – General Associate in Science and Certificate of Achievement

The Business-General curriculum is designed to develop and foster those skills and understandings which can be utilized for employment in an increasingly challenging business environment. This major will provide the student with a broad preparation for a career in business. Business courses are included which will provide a solid background for future

promotion in a chosen occupational area. This program is designed for students who do not plan to transfer to a four-year college or university.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Administrative Assistant
Bookkeeper
Budget Consultant[1]
Buyer
Conciliator[2]
Credit Analyst[1]
Employment Interviewer
Hospital Administrator[1]
Sales Agent[2]
Trust Officer[1]

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate In-depth knowledge and understanding of fundamental business concepts.
    2. Demonstrate the ability to identify, apply, and integrate functional business knowledge to solve problems in practical business situations involving accounting, law, and general business.
    3. Demonstrate effective written and oral skills in these areas.
    4. Demonstrate the ability to identify and resolve moral and ethical business issues.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BUS-109	Elementary Accounting	3-4
or BUS-120	Financial Accounting	
BUS-110	Introduction to Business	3
BUS-115	Human Relations in Business	3
BUS-125	Business Law: Legal Environment of Business	3
BUS-128	Business Communication	3
or BOT-110	Business English and Communication	
BUS-146	Marketing	3
BUS-152	Business Mathematics	2
BUS-195	Principles of Money Management for Success	3
BOT-172	Introduction to Microcomputer Applications	2
ECON-120	Principles of Macroeconomics	3
Total Units		**28-29**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Business-General. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Business Information Worker Certificate of Achievement

The Business Information Worker Certificate of Achievement is a job readiness pathway or certificate for office workers, developed in conjunction with local employers. Enrolled students are prepared in a broad range of entry-level office skills and applications, which promote success in a variety of office environments. Essential components of the curriculum include a solid foundation in Microsoft Windows and Office, as well as critical thinking, problem solving, and interpersonal skills.

Certificate of Achievement Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BOT-100	Basic Keyboarding	1
BOT-114	Essential Word	1
BOT-115	Essential Excel	1
BOT-119	Windows for the Information Worker	2
BOT-151	Using Microsoft Outlook	1
BUS-115	Human Relations in Business	3
BUS-128	Business Communication	3
CSIS-110	Principles of Information Systems	4
Total Units		**16**

Any student who completes the preceding major requirements for Administrative Assistant or Executive Assistant qualifies for a Certificate of Achievement in Business Information Worker. An official request must be filed with the Admissions and Record Office prior to the deadline as stated in the Academic Calendar.

Business Office Technology Administrative Assistant Associate in Science and Certificate of Achievement

The Business Office Technology curriculum prepares students for employment and advancement in today's technology intensive office. The curriculum has been planned to accommodate a variety of needs

and career paths. In addition to traditional office skills, students will acquire proficiency in using computers and current software to perform a variety of essential administrative functions. Graduates of the program will be prepared to work with management in all types of business environments.

Students wishing to earn a certificate or degree in Business Office Technology select an area of emphasis in either Administrative Assistant or Executive Assistant. The Administrative Assistant curriculum is designed for students who wish to acquire the skills necessary for entry to a mid-level administrative support position. The Executive Assistant curriculum is designed for students who wish to prepare themselves for a mid to upper level administrative support position. The Executive Assistant curriculum also prepares students to take the Microsoft Office User Specialist (MOUS) certification examination. With additional training at a baccalaureate level college or university, students may prepare for a position in business education or business management.

Note: If certain required proficiencies can be demonstrated, alternate courses may be substituted subject to department approval.

Students wishing to earn a certificate of achievement should complete all courses listed in their chosen area of emphasis. Students wishing to earn a degree should complete all courses listed in their chosen area of emphasis plus 30 units of general education courses and electives to total a minimum of sixty units.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Office Coordinator
Budget Manager
Event Coordinator
Quality Controller
Account Assistant
Human Resources Analyst
Legal Assistant
Word Processor
Desktop Publishing Specialist
Secretary: Executive, Medical, Educational, Financial, Government, Technical, Insurance, Small Business

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate knowledge, skills, and abilities relevant to BOT certificates / degree programs completed.
2. Demonstrate ethical and professional behavior.
3. Demonstrate appropriate human relations and workplace skills.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BOT-100	Basic Keyboarding	1
BOT-101A	Keyboarding/Document Processing I	1.5
BOT-101B	Keyboarding/Document Processing II	1.5
BOT-104	Filing and Records Management	1
BOT-106	Effective Job Search	1
BOT-107	Office Systems and Procedures	2
BOT-110	Business English and Communication	3
BOT-120 & BOT-121 & BOT-122	Comprehensive Word, Level I and Comprehensive Word, Level II and Comprehensive Word, Level III	3
Select one of the following:		1-3
BOT-115	Essential Excel	
BOT-123 & BOT-124 & BOT-125	Comprehensive Excel, Level I and Comprehensive Excel, Level II and Comprehensive Excel, Level III	
Select one of the following:		1-3
BOT-116	Essential Access	
BOT-126 & BOT-127 & BOT-128	Comprehensive Access, Level I and Comprehensive Access, Level II and Comprehensive Access, Level III	
Select one of the following:		1-2
BOT-117	Essential PowerPoint	
BOT-129 & BOT-130	Comprehensive PowerPoint, Level I and Comprehensive PowerPoint, Level II	
Select one of the following:		1-3
BOT-118	Integrated Office Projects	
or BOT-132	Google Applications for Business	
BOT-151	Using Microsoft Outlook	1
Select one of the following:		1-3
BOT-223	Office Work Experience	
BOT-224	Office Work Experience	
BOT-225	Office Work Experience	
Select a minimum of three (3) units from the following:		3
BOT-103A	Building Keyboarding Skill I	
BOT-103B	Building Keyboarding Skill II	
BOT-103C	Building Keyboarding Skill III	
BOT-109	Elementary Accounting	
BOT-119	Windows for the Information Worker	
BOT-150	Using Microsoft Publisher	
Total Units		**23-32**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who completes the preceding major requirements for Administrative Assistant qualifies for a Certificate of Achievement in Business Office Technology. An official request must be filed with the Admissions and Record Office prior to the deadline as stated in the Academic Calendar.

Business Office Technology Executive Assistant Associate in Science and Certificate of Achievement

The Business Office Technology curriculum prepares students for employment and advancement in today's technology intensive office. The curriculum has been planned to accommodate a variety of needs and career paths. In addition to traditional office skills, students will acquire proficiency in using computers and current software to perform a variety of essential administrative functions. Graduates of the program will be prepared to work with management in all types of business environments.

Students wishing to earn a certificate or degree in Business Office Technology select an area of emphasis in either Administrative Assistant or Executive Assistant. The Administrative Assistant curriculum is designed for students who wish to acquire the skills necessary for entry to a mid-level administrative support position. The Executive Assistant curriculum is designed for students who wish to prepare themselves for a mid to upper level administrative support position. The Executive Assistant curriculum also prepares students to take the Microsoft Office User Specialist (MOUS) certification examination. With additional training at a baccalaureate level college or university, students may prepare for a position in business education or business management.

Note: If certain required proficiencies can be demonstrated, alternate courses may be substituted subject to department approval.

Students wishing to earn a certificate of achievement should complete all courses listed in their chosen area of emphasis. Students wishing to earn a degree should complete all courses listed in their chosen area of emphasis plus 30 units of general education courses and electives to total a minimum of sixty units.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Office Coordinator
Budget Manager
Event Coordinator
Quality Controller
Account Assistant
Human Resources Analyst
Legal Assistant
Word Processor
Desktop Publishing Specialist
Secretary: Executive, Medical, Educational, Financial, Government, Technical, Insurance, Small Business

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate knowledge, skills, and abilities relevant to BOT certificates / degree programs completed.
    2. Demonstrate ethical and professional behavior.
    3. Demonstrate appropriate human relations and workplace skills.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BOT-100	Basic Keyboarding	1
BOT-101A	Keyboarding/Document Processing I	1.5
BOT-101B	Keyboarding/Document Processing II	1.5
BOT-102A	Intermediate Keyboarding/Document Processing I	1.5
BOT-102B	Intermediate Keyboarding/Document Processing II	1.5
BOT-110	Business English and Communication	3
or BUS-128	Business Communication	
BOT-120	Comprehensive Word, Level I	1
BOT-121	Comprehensive Word, Level II	1
BOT-122	Comprehensive Word, Level III	1
BOT-123	Comprehensive Excel, Level I	1
BOT-124	Comprehensive Excel, Level II	1
BOT-125	Comprehensive Excel, Level III	1
BOT-126	Comprehensive Access, Level I	1
BOT-127	Comprehensive Access, Level II	1
BOT-128	Comprehensive Access, Level III	1
BOT-129	Comprehensive PowerPoint, Level I	1
BOT-130	Comprehensive PowerPoint, Level II	1
BOT-132	Google Applications for Business	3
BOT-150	Using Microsoft Publisher	1
BOT-151	Using Microsoft Outlook	1
Select a minimum of three (3) units from the following courses:		3
BOT-109	Elementary Accounting	
BUS-110	Introduction to Business	
BUS-115	Human Relations in Business	
BUS-120	Financial Accounting	
BUS-125	Business Law: Legal Environment of Business	
BUS-250	Introduction to International Business	
Total Units		**29**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who completes the preceding major requirements for Executive Assistant qualifies for a Certificate of Achievement in Business Office Technology. An official request must be filed with the Admissions

and Record Office prior to the deadline as stated in the Academic Calendar.

Cardiovascular Technology Associate in Science



Refer to Admission: Cardiovascular Technology Program (CVTE) in* Admission Information *(p. 18) for special admissions procedures and criteria.

Cardiovascular Technology students are educated in the theory and clinical application of diagnostic tests used in the diagnosis and treatment of cardiovascular disease. The first year of the program is composed of a core curriculum of courses which encompass physics, mathematics, cardiovascular anatomy, physiology and pathophysiology, medical instrumentation and the application of clinical cardiovascular techniques.

After the first semester, students select one of three subspecialties for concentrated study, which includes lecture, laboratory and clinical experience courses.

Students are admitted to the Cardiovascular Technology Program based on the date a completed application packet is submitted to include the following: CVT application, completed immunizations and/or tests and official transcripts of all science prerequisites if taken outside of GCCCD. Program applications are accepted year round and is a separate process from an application to Grossmont College.

For all information on admission criteria, see the Cardiovascular Technology Program at https://www.grossmont.edu/academics/programs/cvt/index.php (https://www.grossmont.edu/academics/programs/cvt/).

Grossmont College prepares the student for an Associate Degree in Science as a Cardiovascular Technologist. In addition to the cardiovascular technology courses, the major requires selected general education courses to be successfully completed for the degree. Upon completion of all degree requirements, the graduate is eligible to sit for the registry exam as a Cardiovascular Technologist administered by Cardiovascular Credentialing International (CCI) and/or with the American Registry of Diagnostic Medical Sonographers (ARDMS).

The Associate Degree Cardiovascular Technology Program is accredited through the Commission on Accreditation of Allied Health Education Programs (https://www.caahep.org/) upon the recommendation of the Joint Review Committee on Education in Cardiovascular Technology (https://www.jrccvt.org/) located at 9355 113th Street, N., #7709, Seminole, FL 33775.

Important: Any prior conviction of a misdemeanor or felony may influence eligibility for licensure or certification as a Cardiovascular Technologist. A flagged background check or drug screen may also prohibit participation in the program, registry, or securing employment. Applicants with prior convictions are urged to contact Cardiovascular Credentialing International (CCI) at 800-326-0268 and the American Registry of Diagnostic Medical Sonographers (ARDMS) at 301-738-8401.

Subspecialties include:

Invasive Cardiovascular Technology
Invasive Cardiovascular Technologists work in cardiac catheterization laboratories where they assist the invasive cardiologist in performing diagnostic and interventional procedures such as cardiac catheterization, balloon angioplasty, electrocardiographic monitoring, and stent and pacemaker placement. The technologist assists the physician during the catheterization, providing the appropriate instruments, operates various pieces of electronic medical equipment and calculates clinical information for interpretation by the physician.

Adult Echocardiography
Adult Echocardiographers perform cardiac ultrasound studies and specialized electrocardiographic procedures. The information obtained from these clinical studies is used by the cardiologist to evaluate patients for cardiovascular disease and designing comprehensive treatment plans. These technologists perform the studies, operate various electronic instruments, prepare preliminary reports and calculate clinical information for interpretation by the physician.

Vascular Technology
Vascular Technologists perform ultrasound and other diagnostic studies to evaluate arterial and venous obstructions, malformations, or diseases which may put the patient at risk for a stroke, or for loss of circulation in their extremities. The information obtained from these clinical studies is used by vascular surgeons and neurologists to establish a diagnosis, assess the severity of existing disease, and to design comprehensive treatment plans. The vascular technologist performs the studies, operates various medical instruments, prepares preliminary reports and calculates clinical information for interpretation by the physician.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Cardiac Sonographer
Coronary Interventional Specialist
Cath Lab Specialist
Vascular Technologist Sonographer
Peripheral Vascular Specialist
Department Lead, Supervisor, or Manager
Equipment Sales Representative
Pacemaker Representative
Surgical and Endovascular Equipment Sales
With additional training, Nursing, Physicians Assistant or Surgical Assistant

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Develop and maintain professional behaviors such as, striving for excellence in skills and knowledge, sharing knowledge and skills with others, caring for self, caring for and supporting patients, and protecting patients' rights, privacy and dignity. Continue life-long learning habits and professional growth.
2. Students of Invasive Cardiology will apply principles of cardiovascular anatomy, physiology, pathophysiology and medical instrumentation to perform and interpret diagnostic and interventional studies in the cardiac catheterization laboratory.

3. Students of Invasive Cardiology will set up, calibrate and operate diagnostic and interventional instrumentation in the Cardiac Catheterization Laboratory.
4. Students of Adult Echocardiography will apply principles of cardiovascular anatomy, physiology, pathophysiology and medical instrumentation to perform, analyze and interpret diagnostic studies.
5. Students of Adult Echocardiography will perform diagnostic cardiac ultrasound studies using standard and Doppler ultrasound instruments equipped with surface and transesophageal transducers. Calculate prescribed hemodynamic function indices for interpretation by the physician.
6. Students of Vascular Technology will apply principles of vascular anatomy, physiology, pathophysiology and medical instrumentation to perform and interpret diagnostic studies.
7. Students of Vascular Technology will perform vascular diagnostic studies using duplex ultrasound, continuous-wave Doppler, arterial and venous plethysmography and photoplethysmography.

All Allied Health and Nursing students adhere to the graduation requirements outlined in the college catalog for the academic year in which they enter the program.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher.

Code	Title	Units
Core Curriculum		
All students complete the following core courses in the first year of the program:		
CVTE-100	Physical Principles of Medicine I	2
CVTE-101	Cardiovascular Physiology I	4
CVTE-102	Medical Instrumentation I	3
CVTE-103	Laboratory Practicum and Proficiency Testing I	2
CVTE-111	Cardiovascular Physiology II	4
CVTE-113	Introduction to Clinical Practicum II	1
CVTE-114	Cardiovascular Pharmacology	2
Total Units		**18**

Invasive Area of Emphasis

Code	Title	Units
CVTE-109	X-Ray Physics and Radiation Safety	3
CVTE-116	Introduction to Invasive Cardiology	4
CVTE-130	Clinical Practicum I	2
CVTE-220	Clinical Practicum II	5
CVTE-222	Interventional Procedures I: Invasive Cardiology	5
CVTE-250	Clinical Practicum III	5
CVTE-252	Interventional Procedures II: Invasive Cardiology	5
Total Units		**29**

Adult Echocardiography Area of Emphasis

Code	Title	Units
CVTE-110	Physical Principles of Medicine II	3
CVTE-115	Introduction to Adult Echocardiography	4
CVTE-130	Clinical Practicum I	2
CVTE-220	Clinical Practicum II	5
CVTE-221	Diagnostic Procedures I: Adult Echocardiography	5
CVTE-250	Clinical Practicum III	5
CVTE-251	Diagnostic Procedures II: Adult Echocardiography	5
Total Units		**29**

Vascular Technology Area of Emphasis

Code	Title	Units
CVTE-110	Physical Principles of Medicine II	3
CVTE-117	Introduction to Vascular Technology	4
CVTE-130	Clinical Practicum I	2
CVTE-220	Clinical Practicum II	5
CVTE-223	Diagnostic Procedures I: Vascular Technology	5
CVTE-250	Clinical Practicum III	5
CVTE-253	Diagnostic Procedures II: Vascular Technology	5
Total Units		**29**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

California General Education Transfer Curriculum (Cal-GETC) Certificate of Achievement

The California General Education Transfer Curriculum (Cal-GETC) Certificate of Achievement (COA) is designed to Prepare California Community College students for transfer to a California State University (CSU), University of California (UC), or a private college or university. Students who meet the Cal-GETC requirements are eligible to receive a COA. The certificate strives to provide students with a strong academic foundation that is essential to academic and professional success. The Cal-GETC certificate will also satisfy the general education requirements of an Associate Degree for Transfer and the University Studies degrees.

Completion of the Cal-GETC Certificate of Achievement does not guarantee acceptance into a baccalaureate major program or four- year institution. Students interested in receiving this certificate must file an official request with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate understanding of the nature and richness of human culture and social structures through a comparative approach and have a pronounced historical perspective.
2. Recognize the contributions to knowledge, civilization, and society that have been made by men, women, and members of various ethnic or cultural groups.
3. Utilize modes of inquiry that characterize the different areas of human thought: the nature of the questions that can be addressed,

the way questions are formulated, the way analysis is conducted, and the validity and implications of the answers obtained.

Note: All courses must be completed with a "C" or higher or "Pass."

AREA 1 – ENGLISH COMMUNICATION (three courses — 9 semester or 12 quarter units)

- 1A, 1B, 1C

AREA 2 – MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING (one course — 3 semester or 4 quarter units)

- 2

AREA 3 – ARTS AND HUMANITIES (two courses — 6 semester or 8 quarter units)

- 3A, 3B

AREA 4 – SOCIAL AND BEHAVIORAL SCIENCES (two courses from two academic disciplines — 6 semester or 8 quarter units)

- 4

AREA 5 – PHYSICAL AND BIOLOGICAL SCIENCES (two courses, one Physical Science and one Biological Science; at least one of the two courses must be associated with a laboratory — 7 semester or 9 quarter units)

- 5A, 5B, 5C

AREA 6 – ETHNIC STUDIES (one course — 3 semester or 4 quarter units)

- 6

Total Units: 34

*The courses approved to be used for this certificate must be articulated for use in a Cal-GETC general education area.

See General Education, Plan B: Cal-GETC (p. 67) for list of courses.

Chemistry Associate in Science and Certificate of Achievement



The chemistry major prepares students to transfer to four-year institutions for continued study in the field of chemistry. The program outlined below fulfills the lower division requirements recommended by the American Chemical Society and is typical of requirements at four-year transfer institutions. Students should consult the catalog of the transfer institution for specific requirements. Assistance in planning a course of study is available at the Counseling Center or from the Department of Chemistry faculty. The department recommends that students take one year of Russian or German (or high school equivalency) for credit under Humanities Area C, Section 2 of the associate degree general education requirements.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Analytical Chemist[1]
Biochemist[1]
Biotechnologist[1]
Chemistry Teacher[1]
Dentist[1]
Environmental Technician[2]
Forensic Specialist[1]
Industrial Health Engineer[1]
Laboratory Technician
Pharmacist[1]
Physician[1]
Research Chemist[1]
Safety Manager
Sanitarian[2]
Veterinarian[1]
Water-quality Analyst

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Analyze and interpret (evaluate) qualitative and quantitative data in order to identify trends, identify substances, and communicate results in writing and verbally.
2. Employ the language and concepts of chemistry to explain the composition, properties, structure, and transformations of matter.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CHEM-141	General Chemistry I	5
CHEM-142	General Chemistry II	5
CHEM-231	Organic Chemistry I	5
CHEM-232	Organic Chemistry II	5
Select sixteen (16) units from the following courses:		16
MATH-180	Analytic Geometry and Calculus I	
MATH-280	Analytic Geometry and Calculus II	
MATH-281	Multivariable Calculus	
MATH-285	Differential Equations	
PHYC-201	Mechanics and Waves	
PHYC-202	Electricity, Magnetism, and Heat	
PHYC-203	Light, Optics, and Modern Physics	
Total Units		**36**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who wishes to complete only the requirements listed above qualifies for a Certificate of Achievement in Chemistry. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Child Development Master Teacher Associate in Science and Certificate of Achievement



These courses are also appropriate for family child care providers, parents, administrators, health care professionals, and others working with children. Courses are designed to partially meet lower division course preparation for students planning a bachelor's degree in Child Development.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Adoption Counselor[1]
Child Psychologist[1]
Childcare Specialist
Day Camp Counselor[1]
Development Specialist[1]
Family Child Care Provider
Infant/Toddler Teacher[2]
Parent Educator[1]
Planned Parenthood Worker
School Age Child Care Teacher/Site Supervisor
Preschool Teacher/Director[2]
Recreation Specialist[1]
Social Service Specialist[1]

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Analyze and apply principles of scientific research to the study of human development; integrate and apply current theory and research to the observation, documentation and unbiased analysis of human behaviors.
    2. Formulate practical applications of theory and research to developmentally appropriate practice in varying contexts: personal, classroom, agency and community.
    3. Critically examine societal and personal attitudes, beliefs, values and assumptions towards the diverse contexts of child and human development including: ethnicity, gender, language, family structure, socioeconomic status, age and ability.
    4. Compare and examine differing social, economic, political, historical, cultural and family contexts and their effect on human development; demonstrate effective advocacy techniques related to current social issues pertaining to children, adults, and families.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CD-106	Practicum: Beginning Observation and Experience	1
CD-121	The Arts and Creativity for Young Children	3
CD-123	Principles and Practices of Programs and Curriculum for Young Children	3
CD-125	Child Growth and Development	3
CD-127	Science and Mathematics for Child Development	3
CD-129	Language and Literature for Child Development	3
CD-130	Curriculum: Design and Implementation	3
CD-131	Child, Family and Community	3
CD-132	Observation and Assessment: Field Experience Seminar	3
CD-133	Practicum-Field Experience: Student Teaching	2
CD-134	Health, Safety and Nutrition of Young Children	3
CD-141	Working with Children with Special Needs	3
CD-153	Teaching in a Diverse Society	3
Select one of the following:		3
CD-115	Changing American Family [1]	
FS-115	Changing American Family [1]	
CD-136	Adult Supervision [2]	
Total Units		**39**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

[1] CD-115 Changing American Family/FS-115 Changing American Family is required for transfer to SDSU.
[2] CD-136 Adult Supervision is required for the Master Teacher Permit through California Teacher Credentialing.

Certificate of Achievement

Any student who completes the Child Development major requirement for Master Teacher qualifies for a Certificate of Achievement in Child Development. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

California Commission on Teacher Credentialing Child Development Permit

Any student who completes the above requirements and 16 units of GE from English/Communication, Humanities, Social Sciences and Math or Science may apply for a permit from the California Commission on Teacher Credentialing (CTC). There is an added work experience

component. For full requirements go to https://www.ctc.ca.gov to contact the Child Development Department.

Child Development Site Supervisor Associate in Science and Certificate of Achievement



These courses are also appropriate for family child care providers, parents, administrators, health care professionals, and others working with children. Courses are designed to partially meet lower division course preparation for students planning a bachelor's degree in Child Development.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Adoption Counselor[1]
Child Psychologist[1]
Childcare Specialist
Day Camp Counselor[1]
Development Specialist[1]
Family Child Care Provider
Infant/Toddler Teacher[2]
Parent Educator[1]
Planned Parenthood Worker
School Age Child Care Teacher/Site Supervisor
Preschool Teacher/Director[2]
Recreation Specialist[1]
Social Service Specialist[1]

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Analyze and apply principles of scientific research to the study of human development; integrate and apply current theory and research to the observation, documentation and unbiased analysis of human behaviors.
    2. Formulate practical applications of theory and research to developmentally appropriate practice in varying contexts: personal, classroom, agency and community.
    3. Critically examine societal and personal attitudes, beliefs, values and assumptions towards the diverse contexts of child and human development including: ethnicity, gender, language, family structure, socioeconomic status, age and ability.
    4. Compare and examine differing social, economic, political, historical, cultural and family contexts and their effect on human development; demonstrate effective advocacy techniques related to current social issues pertaining to children, adults, and families.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CD-106	Practicum: Beginning Observation and Experience	1
CD-115	Changing American Family [1]	3
or FS-115	Changing American Family	
CD-121	The Arts and Creativity for Young Children	3
CD-123	Principles and Practices of Programs and Curriculum for Young Children	3
CD-125	Child Growth and Development	3
CD-127	Science and Mathematics for Child Development	3
CD-129	Language and Literature for Child Development	3
CD-130	Curriculum: Design and Implementation	3
CD-131	Child, Family and Community	3
CD-132	Observation and Assessment: Field Experience Seminar	3
CD-133	Practicum-Field Experience: Student Teaching	2
CD-134	Health, Safety and Nutrition of Young Children	3
CD-136	Adult Supervision [2]	3
CD-137	Administration of Child Development Programs I	3
CD-138	Administration of Child Development Programs II	3
CD-141	Working with Children with Special Needs	3
CD-153	Teaching in a Diverse Society	3
Total Units		**48**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

[1] CD-115 Changing American Family/FS-115 Changing American Family is required for transfer to SDSU.
[2] CD-136 Adult Supervision is required for the Master Teacher Permit through California Teacher Credentialing.

Certificate of Achievement

Any student who completes the Child Development major requirements for Site Supervisor qualifies for a Certificate of Achievement in Child Development. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

California Commission on Teacher Credentialing Child Development Permit

Any student who completes the above requirements and 16 units of GE from English/Communication, Humanities, Social Sciences and Math or Science may apply for a permit from the California Commission on Teacher Credentialing (CTC). There is an added work experience

component. For full requirements go to https://www.ctc.ca.gov to contact the Child Development Department.

Communication Associate in Arts



This program is designed to provide the student with a broad base of communication classes that will provide training for entry into occupations in which verbal skills are important. Major requirements for the four-year degree in Communication vary from institution to institution. Students should consult the catalog of the transfer institution for specific requirements.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Advertising Assistant
Announcer
Arts Administrator[1]
College Professor[1]
Journalist[1]
Lawyer[1]
Lobbyist[1]
Narrator
Politician
Proofreader
Public Relations Assistant
Researcher[1]
Sales Manager
Teacher/Instructor[1]

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Exhibit the ability to listen actively.
    2. Critically evaluate oral and written messages in order to assess credibility and validity.
    3. Practice perspective-taking so as to display other-centered communication within and across diverse communities.
    4. Appraise the strengths, limitations and consequences of the use of the various communication methods.
    5. Demonstrate confident and competent use of language and nonverbal communication.

Code	Title	Units
COMM-C1000	Introduction to Public Speaking	3
COMM-120	Interpersonal Communication	3
COMM-137	Critical Thinking in Group Communication	3
COMM-145	Argumentation	3
Select two of the following:		6
COMM-124	Intercultural Communication	
COMM-126	Communication Studies: Health and Wellness	
COMM-128	Global Communication	
COMM-144	Communication Studies: Race and Ethnicity	
or ETHN-144	Communication Studies: Race and Ethnicity	
MCOM-110	Mass Media and Society	
Select three units from the following:		3
COMM-123	Advanced Public Speaking	
COMM-135	Oral Interpretation of Literature	
COMM-136	Readers Theatre	
COMM-238	Speech and Debate Competition I	
COMM-239	Speech and Debate Competition II	
COMM-240	Speech and Debate Competition III	
COMM-241	Speech and Debate Competition IV	
Total Units		**21**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements



Communication Studies for Transfer 2.0 (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Communication Studies for Transfer, 2.0** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The Communication Studies degree is designed to provide the student with a broad base of communication classes that will provide training for entry into occupations in which verbal skills are important.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Exhibit the ability to listen actively.
    2. Critically evaluate oral and written messages in order to assess credibility and validity.
    3. Practice perspective-taking so as to display other-centered communication within and across diverse communities.

4. Appraise the strengths, limitations, and consequences of the use of various communication methods.
5. Demonstrate confident and competent use of language and nonverbal communication.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
COMM-120	Interpersonal Communication	3
COMM-C1000	Introduction to Public Speaking	3
List A		
Select three of the following:		9
COMM-123	Advanced Public Speaking	
COMM-124	Intercultural Communication	
COMM-135	Oral Interpretation of Literature	
COMM-137	Critical Thinking in Group Communication	
COMM-145	Argumentation	
COMM-240	Speech and Debate Competition III	
List B		
Select one of the following:		3
Any List A course not used, or		
COMM-136	Readers Theatre	
COMM-144	Communication Studies: Race and Ethnicity	
Units for the major		**18**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Computer Programming Associate in Science and Certificate of Achievement



The Computer Science Information Systems curricula provides a foundation in computing and information systems serving the diverse goals of the Grossmont community: employment in various phases of the computing industry, transfer to a baccalaureate institution for continued study in the computer and information sciences, training in selected topics for application in other professions or for personal enrichment, and advanced study for returning computing professionals. Throughout, emphasis is placed on blending fundamental theory and technique with practical applications in business, scientific and academic computing. A guiding principle is the use of intense hands-on instruction with state-of-the-art computer technology.

Five related but distinct areas of emphasis designed to provide corresponding job entry points are available as two-year curricula: Computer Programming, Web Design and Software Engineering. Completion of the Computer Science Information Systems core courses or their equivalent plus any one area of emphasis satisfies the major requirements for the Associate Degree.

An area of emphasis intended for the two-year vocational student who plans to gain entry level employment as a programmer for systems. Students who complete the sequence successfully are able to write or maintain code for program modules from design documents and specifications prepared by senior programmers or analysts.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Computer Support Specialist
Communications Technician
Computer Maintenance Technician
Computer Systems Analysts[1]
Database Administrators[1]
Information Specialist[1]
LAN (Local Area Network) Administrator
Network Systems & Data Communication Analysts
Office Administrators
Programmer
Software Engineers[1]
Software Technician
Systems Analyst[1]
Technical Support Representative

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

Students will perform computer end user support including identifying and implementing solutions to user requests.

Upon successful completion of this program, students will be able to:

1. Analyze and evaluate a computer-related situation in a business and/or scientific environment to identify a potential problem.
2. Design a technologically feasible and efficient solution.
3. Construct and complete the solution.
4. Demonstrate and explain the solution

Similar Course List

The following Grossmont and Cuyamaca College courses are considered similar enough to be accepted in the major for local Computer Science degrees in the district. No Modification of Major forms are required at either campus.

Grossmont Course	Similar Cuyamaca Course
CSIS-110	CIS-110
CSIS-112	CIS-190
CSIS-113	CIS-191
CSIS-119	CS-119
CSIS-120	CIS-120
CSIS-125	CIS-125
CSIS-130	CIS-290
CSIS-132	CIS-211

CSIS-133	CIS-213
CSIS-135	CIS-215
CSIS-180	CIS-140
CSIS-213	CIS-291
CSIS-230	CIS-290
CSIS-263	CIS-263
CSIS-264	CIS-264
CSIS-265	CIS-265
CSIS-293	CS-182
CSIS-294	CS-282
CSIS-296	CS-181
CSIS-297	CS-281

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CSIS-112	Windows Operating System	3
or CSIS-113	Introduction to Linux	
CSIS-119	Introduction to Computer Programming	3
CSIS-293	Introduction to Java Programming	4
CSIS-294	Intermediate Java Programming and Fundamental Data Structures	4
Select one of the following sequences:		8
CSIS-296 & CSIS-297	Introduction to C++ Programming and Intermediate C++ Programming	
or		
CSIS-250 & CSIS-251	Introduction to Python Programming and Intermediate Python Programming and Fundamental Data Structures	
Select two of the following:		6-8
CSIS-132	Introduction to Web Development	
CSIS-133	Intermediate Web Development	
CSIS-135	JavaScript Programming	
CSIS-165	Assembly Language and Machine Architecture	
CSIS-250	Introduction to Python Programming	
CSIS-251	Intermediate Python Programming and Fundamental Data Structures	
CSIS-276	Introduction to SQL	
CSIS-290	Introduction to C# Programming	
CSIS-293	Introduction to Java Programming	
CSIS-294	Intermediate Java Programming and Fundamental Data Structures	
CSIS-295	Android Application Development with Java	
CSIS-296	Introduction to C++ Programming	
CSIS-297	Intermediate C++ Programming	
Total Units		**28-30**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Computer Programming. An official request must be filed with the Admissions and Records Office prior to the deadline stated in the Academic Calendar.

Associate Degree for Transfer℠

Computer Science for Transfer (AS-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Science in Computer Science for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

Most careers in computer science require a bachelor's degree, and some require a graduate-level degree. The coursework for this associate degree prepares students who plan to transfer and major in computer science with the lower-division computer programming and mathematics coursework required by most colleges and universities. It is designed to provide a strong foundation in programming methodology and skills, and computer organization. Additionally, students gain the necessary theoretical and practical knowledge necessary to work in a variety of computer related fields such as Software Engineering, Computer Engineering, Computer Systems Analysis, Network Engineering, Cloud Computing, Mobile Application Development, Computer Support, Computer Information Systems, Database Administration, Network Security, and Web Development.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Define and apply current Software Engineering design patterns, algorithms, and data structures to produce efficient, well-engineered software applications.
    2. Apply problem-solving skills and the knowledge of computer science to solve real-world problems.

3. Define and demonstrate the concept of object oriented programming and object oriented design.

Associate in Science for Transfer Degree Requirements

Code	Title	Units
Required Core		
BIO-230	Principles of Cellular, Molecular and Evolutionary Biology	4
CSIS-165	Assembly Language and Machine Architecture	4
CSIS-240	Discrete Structures	3
CSIS-293	Introduction to Java Programming	4
CSIS-294	Intermediate Java Programming and Fundamental Data Structures	4
MATH-180	Analytic Geometry and Calculus I	5
MATH-280	Analytic Geometry and Calculus II	4
PHYC-201	Mechanics and Waves	5
Units for the major		33
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Corrections Associate in Science and Certificate of Achievement

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
AOJ-110	Introduction to Administration of Justice	3
AOJ-125	Introduction to Corrections	3
AOJ-140	Inmate Psychology and Supervision	3
AOJ-143	Gangs and Law Enforcement	3
AOJ-144	Probation and Parole	3
AOJ-200	Criminal Law	3
AOJ-202	Criminal Evidence	3
or AOJ-204	Criminal Trial Process	
AOJ-208	Juvenile Procedures	3
AOJ-210	Leadership in Criminal Justice	2-3
or AOJ-214	Public Service Internship	
AOJ-230	Public Safety Communications	3
AOJ-240	Community and the Justice System	3
Total Units		**32-33**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Administration of Justice: Corrections. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Cross-Cultural Communication Skills Certificate of Proficiency

The Ethnic Studies and Gender Studies certificates prepare students to transfer to four-year institutions for continued study in African American Studies, Mexican American/Latino Studies, Asian American Studies, American Indian Studies, or Women's Studies. The department outlined below partially fulfills lower division requirements in those areas. For special requirements, transfer students should consult the catalog of the transfer institution for specific requirements. Ethnic Studies classes in general are helpful for further studies in such diverse fields as history, sociology, ethnic studies, and political science.

This certificate prepares students to work in a job requiring cross-cultural interpersonal communication skills. Cultural proficiency through these courses provides students with a worldview and ways to effectively recognize, respond to, and plan for issues that arise in diverse environments. Completion of these courses prepares a student to integrate cross-cultural knowledge and communication skills when interacting orally or in writing with people of diverse backgrounds and/or identities.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Curator[1]
Diplomat Corps[1]
Foreign Officer[1]
Import / Export Agent[2]
Lawyer[1]
Law Enforcement[1]
Museum Technician
Sociologist[1]
Social Worker[1]
Teacher[1]
Travel Agent
Writer

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Integrate cross-cultural knowledge and communication skills when interacting orally or in writing with people of diverse backgrounds and/or identities

Certificate of Proficiency

These Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. These certificates will not appear on a student's transcript.**Note: All courses must be completed with a letter grade of "C" or higher or "Pass."**

Code	Title	Units
COMM-C1000	Introduction to Public Speaking	3
ETHN-115	Introduction to Cultural Competence	3
Select one of the following:		3
COMM-144	Communication Studies: Race and Ethnicity	
or ETHN-144	Communication Studies: Race and Ethnicity	
COMM-124	Intercultural Communication	
Total Units		**9**

Cross-Cultural Competence Certificate of Proficiency

The Ethnic Studies and Gender Studies certificates prepare students to transfer to four-year institutions for continued study in African American Studies, Mexican American/Latino Studies, Asian American Studies, American Indian Studies, or Women's Studies. The department outlined below partially fulfills lower division requirements in those areas. For special requirements, transfer students should consult the catalog of the transfer institution for specific requirements. Ethnic Studies classes in general are helpful for further studies in such diverse fields as history, sociology, ethnic studies, and political science.

This certificate prepares a student to effectively work in our 21st-century cross-cultural environments, both within organizations and in interactions with the public. It provides a framework for a life-long journey of critical reflection and improving upon best practices that move people and institutions toward practices of inclusiveness.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Curator[1]
Diplomat Corps[1]
Foreign Officer[1]
Import / Export Agent[2]
Lawyer[1]
Law Enforcement[1]
Museum Technician
Sociologist[1]
Social Worker[1]
Teacher[1]
Travel Agent
Writer

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Assess the influence of intersectionality, culture, perception, language, and non-verbal messages in cross-cultural settings.
    2. Analyze and describe specific barriers to effective cross-cultural interaction and construct solutions.
    3. Demonstrate the ability to interact effectively in cross-cultural situations

Code	Title	Units
ETHN-115	Introduction to Cultural Competence	3
Total Units		**3**

Cross-Cultural Skills, with Conversational-Level Second Language Certificate of Proficiency

The Ethnic Studies and Gender Studies certificates prepare students to transfer to four-year institutions for continued study in African American Studies, Mexican American/Latino Studies, Asian American Studies, American Indian Studies, or Women's Studies. The department outlined below partially fulfills lower division requirements in those areas. For special requirements, transfer students should consult the catalog of the transfer institution for specific requirements. Ethnic Studies classes in general are helpful for further studies in such diverse fields as history, sociology, ethnic studies, and political science.

This certificate prepares students to work in a job requiring cross-cultural interpersonal communication and multi-lingual skills. Cultural proficiency through these courses provides students with a worldview and ways to effectively recognize, respond to, and plan for issues that arise in diverse environments. Completion of these courses prepares a student to integrate cross-cultural knowledge and communication skills when conversing in English or another language with people of diverse backgrounds and/or identities.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Curator[1]
Diplomat Corps[1]
Foreign Officer[1]
Import / Export Agent[2]
Lawyer[1]
Law Enforcement[1]
Museum Technician

Sociologist[1]
Social Worker[1]
Teacher[1]
Travel Agent
Writer

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Integrate cross-cultural knowledge and communication skills when interacting orally or in writing with people of diverse backgrounds and/or identities.

Code	Title	Units
ETHN-115	Introduction to Cultural Competence	3
Select one of the following:		3
COMM-144	Communication Studies: Race and Ethnicity	
ETHN-144	Communication Studies: Race and Ethnicity	
COMM-124	Intercultural Communication	
Select one of the following:		3-5
ARBC-251	Conversational Arabic II	
FREN-251	Conversational French II	
GERM-251	Conversational German II	
JAPN-251	Conversational Japanese II	
RUSS-251	Conversational Russian II	
SPAN-251	Conversational Spanish II	
ASL-221	American Sign Language IV	
Total Units		**9-11**

Culinary Arts Associate in Science and Certificate of Achievement



The Culinary Arts Associate Degree program focuses on the development of flexible skills and knowledge essential for success in a cooking career. Modern food service is evolving rapidly thus providing a tremendous variety of workplaces from the exclusive dining room to the school cafeteria, from small intimate restaurants to the large hotel restaurants and catering facilities. Other opportunities include catering and personal chef. The associate degree will enable the student to understand the workings of food and the interplay among ingredients, cooking methods, cost factors, nutrition and a satisfying dining experience.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Baker
Banquet Chef
Boucher
Breakfast Cook
Cafeteria Manager
Cake Decorator
Catering Manager
Cook
Cook's Assistant
Cookbook Author
Dining Room Manager
Executive Chef
Food and Beverage Manager
Food Researcher
Food Server / Wait Person
Food Stylist
Garde Manager Chef
Kitchen Manager
Master Chef
Menu Consultant
Menu Planner
Pantry Cook
Pastry Chef
Personal Chef
Private Chef
Purchasing Steward
Recipe Developer
Recipe Tester
Restaurant Critic
Restaurant Manager
Restaurant Owner
Sous Chef

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate critical thinking in the food service environment.
    2. Demonstrate appropriate behaviors in the work place environment.
    3. Apply job acquisition skills.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CA-160	Banquet Service Production	3
CA-163	Food Purchasing for Culinary Arts	1
CA-165	Sanitation for Food Service	1
CA-166	Menu Management	1
CA-169	Essential Skills for Culinary Arts	3
CA-171	Intermediate Culinary Skills	3
CA-172	Principles of Soup, Stock and Sauce Preparation	3
CA-173	Principles of Buffet and Catering	3
CA-174	Principles of Baking and Pastry Making	3
CA-175	Healthy Lifestyle Cuisine	3
CA-178	Garde Manger	3
CA-180	Advanced Food Preparation for Fine Dining	3
CA-280	Culinary Career Preparation	1
CA-281	Work Experience in Culinary Arts	2

CA-282	Advanced Work Experience in Culinary Arts	2
Select one of the following:		3
NUTR-155	Introduction to Nutrition	
CA-164	International Cooking	
CA-167	Wines of the World	
CA-170	Food Service Management	
CA-176	Advanced Baking and Pastry Arts	
CA-177	Commercial Baking	
Total Units		**38**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the requirements listed above for the major qualifies for a Certificate of Achievement in Culinary Arts. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Culinary Entrepreneurship Associate in Science and Certificate of Achievement



Students who plan to prepare for a career in the culinary field as a manager or owner of a business will find that success is contingent on both expertise in culinary arts and a basic business foundation. Careers are available in a wide spectrum of enterprises such as:

- Fine dining restaurants and hotels
- Food service in the regional casinos
- Bed and breakfast enterprises
- Catering businesses
- Personal chef

This hybrid program combines the basics of culinary arts with the fundamental business skills that prepare students to enter a career that has unlimited potential for the future.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BUS-109	Elementary Accounting	3
BUS-146	Marketing	3
BUS-148	Customer Relations Management	1.5
BUS-156	Principles of Management	3
BUS-158	Introduction to Hospitality and Tourism Management	3
BOT-172	Introduction to Microcomputer Applications	2
CA-160	Banquet Service Production	3
CA-163	Food Purchasing for Culinary Arts	1
CA-165	Sanitation for Food Service	1
CA-166	Menu Management	1
CA-169	Essential Skills for Culinary Arts	3
CA-171	Intermediate Culinary Skills	3
Select one of the following:		3
BUS-115	Human Relations in Business	
BUS-140	Entrepreneurship: Developing a Business Plan	
ETHN-115	Introduction to Cultural Competence	
CA-170	Food Service Management	
CA-173	Principles of Buffet and Catering	
Total Units		**30.5**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Culinary Entrepreneurship. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Cybersecurity and Networking Associate in Science and Certificate of Achievement



The Computer Science Information Systems curricula provides a foundation in computing and information systems serving the diverse goals of the Grossmont community: employment in various phases of the computing industry, transfer to a baccalaureate institution for continued study in the computer and information sciences, training in selected topics for application in other professions or for personal enrichment, and advanced study for returning computing professionals. Throughout, emphasis is placed on blending fundamental theory and technique with practical applications in business, scientific and academic computing. A guiding principle is the use of intense hands-on instruction with state-of-the-art computer technology.

The Cybersecurity and Networking Associate in Science can lead to entry level positions in networking and cyber defense. Students completing this sequence will be expected to assist network managers and cybersecurity managers in small, medium, and large-sized organizations. Opportunities to transfer to bachelor degree programs in cybersecurity at other colleges and universities also exist

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Computer Support Specialist
Communications Technician
Computer Maintenance Technician
Computer Systems Analysts[1]
Database Administrators[1]
Information Specialist[1]
LAN (Local Area Network) Administrator
Network Systems & Data Communication Analysts
Office Administrators
Programmer
Software Engineers[1]
Software Technician
Systems Analyst[1]
Technical Support Representative

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Analyze and evaluate a computer-related situation in a business and/or scientific environment to identify a potential problem.
2. Design a technologically feasible and efficient solution.
3. Construct and complete the solution.
4. Demonstrate and explain the solution.

Similar Course List

The following Grossmont and Cuyamaca College courses are considered similar enough to be accepted in the major for local Computer Science degrees in the district. No Modification of Major forms are required at either campus.

Grossmont Course	Similar Cuyamaca Course
CSIS-110	CIS-110
CSIS-112	CIS-190
CSIS-113	CIS-191
CSIS-119	CS-119
CSIS-120	CIS-120
CSIS-125	CIS-125
CSIS-130	CIS-290
CSIS-132	CIS-211
CSIS-133	CIS-213
CSIS-135	CIS-215
CSIS-180	CIS-140
CSIS-213	CIS-291
CSIS-230	CIS-290
CSIS-263	CIS-263
CSIS-264	CIS-264
CSIS-265	CIS-265
CSIS-293	CS-182
CSIS-294	CS-282
CSIS-296	CS-181
CSIS-297	CS-281

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CSIS-113	Introduction to Linux	3
CSIS-121	Introduction to Cybersecurity	3
CSIS-125	Network + Certification	3
CSIS-250	Introduction to Python Programming	4
CSIS-263	Security + Certification	3
Select at least nine units from the following:		9-10
BUS-128	Business Communication	
CSIS-110	Principles of Information Systems	
CSIS-120	Computer Maintenance and A+ Certification	
CSIS-122	Cloud + Certification	
CSIS-130	Windows Server: Installing and Configuring	
CSIS-145	Introduction to TCP/IP	
CSIS-213	Linux System Administration	
CSIS-230	Windows Server: Administering	
CSIS-264	Ethical Cybersecurity Hacking	
CSIS-265	Computer Forensics Fundamentals	
CSIS-267	Cybersecuirty Analyst Certification	
PHIL-142	Ethics of Technology	
Total Units		**25-26**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificates of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Cybersecurity and Networking. An official request must be filed with the Admissions and Records Office prior to the deadline stated in the Academic Calendar.

Dance Associate in Arts and Certificate of Achievement



The associate degree dance program is designed to provide a broad base of dance classes that will provide training for transfer to similar programs at four-year institutions and will prepare students for employment in a variety of areas of dance.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Choreographer[1]
Dance Director
Dance Historian[1]
Dancer

Dance Teacher[1]
Dance Therapist[1]
Fitness / Aerobics Instructor
Movement Notator
Performer
Reconstructor
Recreation Leader

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate an awareness of the concept of artistic expression through movement.
    2. Identify and practice proper body alignment for dance.
    3. Demonstrate a working knowledge of vocabulary as related to dance.
    4. Develop aesthetic values as they relate to dance. Based upon these values; will critically think about and analyze dance as an art form.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
DANC-080A	Modern I	1.5
DANC-080B	Modern II	1.5
DANC-084A	Jazz I	1.5
DANC-084B	Jazz II	1.5
DANC-088A	Ballet I	1.5
DANC-088B	Ballet II	1.5
DANC-094A	Hip Hop I	1.5
DANC-110	Dance History	3
or DANC-120	Dance Appreciation	
DANC-118A	Pilates I	1.5
DANC-204	Dance Improvisation	1.5
DANC-205	Choreography I	2
Select two of the following:		3
DANC-080C	Modern III	
DANC-080D	Modern IV	
DANC-084C	Jazz III	
DANC-084D	Jazz IV	
DANC-088C	Ballet III	
DANC-088D	Ballet IV	
Select two of the following:		2-5.5
DANC-201	Dance Theatre Performance I	
DANC-202	Dance Theatre Performance II	
DANC-203	Dance Theatre Performance III	
DANC-223	Student Choreography for Production I	
DANC-224	Student Choreography for Production II	
DANC-225	Student Choreography for Production III	
DANC-227	Performance Ensemble I	
DANC-228	Performance Ensemble II	
DANC-229	Performance Ensemble III	
DANC-230	Performance Ensemble IV	
Select two of the following:		2-4
DANC-068	Introduction to Dance	
DANC-071A	Studio Workshop in Tap Dance I	
or DANC-071B	Studio Workshop in Tap Dance II	
DANC-072A	Studio Workshop in Modern Dance I	
or DANC-072B	Studio Workshop in Modern Dance II	
DANC-074A	Studio Workshop in Jazz Dance I	
or DANC-074B	Studio Workshop in Jazz Dance II	
DANC-078A	Studio Workshop in Ballet I	
or DANC-078B	Studio Workshop in Ballet II	
DANC-081A	Tap I	
or DANC-081B	Tap II	
or DANC-081C	Tap III	
or DANC-081D	Tap IV	
DANC-082A	Social and Ballroom Dance I	
or DANC-082B	Social and Ballroom Dance II	
DANC-083A	Latin American Dance I	
or DANC-083B	Latin American Dance II	
DANC-094B	Hip Hop II	
or DANC-094C	Hip Hop III	
or DANC-094D	Hip Hop IV	
DANC-095	Musical Theatre Dance	
DANC-099A	Studio Workshop in Pointe I	
or DANC-099B	Studio Workshop in Pointe II	
or DANC-099C	Studio Workshop in Pointe III	
DANC-118B	Pilates II	
or DANC-118C	Pilates III	
or DANC-118D	Pilates IV	
DANC-200A	Touring Dance Ensemble I	
or DANC-200B	Touring Dance Ensemble II	
DANC-206	Choreography II	
Total Units		**25.5-31**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Dance. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Data Science Certificate of Achievement



A certificate of achievement leading to an entry level position which specializes in the fundamentals of Data Science. Students completing

this sequence will have enough basic Data Science skills to enable them to assist managers in small, medium, and large-sized organizations.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Select one of the following:		3-4
STAT-C1000	Introduction to Statistics	
BIO-215	Statistics for Life Sciences	
or ANTH-215	Statistics for the Behavioral Sciences	
or PSY-215	Statistics for the Behavioral Sciences	
or SOC-215	Statistics for the Behavioral Sciences	
or ECON-215	Statistics for Business and Economics	
GEOG-104	Introduction to Geographic Information Science	3
CSIS-276	Introduction to SQL	3
or CSIS-180	Fundamentals of Database Design	
CSIS-250	Introduction to Python Programming	4
PSC-120	Fundamentals of Scientific Computing (MATLAB)	4
or CSIS-110	Principles of Information Systems	
Total Units		**17-18**

Drone Cinematography Certificate of Proficiency

The Drone Cinematography Program Certificate of Proficiency provides 180 hours of instruction and hands-on flight training. This program covers hands-on flight training and test preparation for the FAA 107 drone pilots examination. The two non-credit courses in the program includes both basic and advanced cinematography techniques with an emphasis on developing "lifestyle" shots and a creative mindset. The theory and operations of both standard and advanced/precision camera shots is combined with operational scenarios in order to provide students with the ability to match specific and advanced flight profiles for the shots needed.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Know how to set-up and use the drone camera
2. Learn flight maneuvers and techniques used in drone cinematography
3. Be able to apply to several drone sourcing companies and get immediate work as a Drone Real Estate Photographer
4. Know how to apply for drone jobs and set-up an online portfolio to promote drone work

Certificate of Proficiency Requirements:

Note: All non-credit courses must be completed with a "pass" credit.

Code	Title	Units
CSIS-070	Drone Flight School	0
CSIS-071	Drone Cinematography	0

Drone Mapping Certificate of Proficiency

The Drone Mapping Program Certificate of Proficiency provides 180 hours of instruction and hands-on flight training. This program covers hands-on flight training and test preparation for the FAA 107 drone pilots examination. This program includes the drone flight school non-credit course and the drone mapping non-credit course. Program covers theory and operations of common sensors used by the operators of unmanned aircraft systems in different industrial applications. Theory is combined with operational scenarios and flying actual missions. Ample flight time is provided to fully train the students with the ability to match specific sensors with anticipated missions. The flight operators will be versed in all operations as listed and will be industry ready upon completion. This mapping course teaches pilots how to do precision mapping missions and data collection for industry.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Learn how to do precision mapping missions and data collection for industry
2. Participate in flight missions and apply flight theory
3. Learn flight theory combined with operational scenarios
4. Learn operations of common sensors used by operators of unmanned aircraft systems in different industrial applications

Certificate of Proficiency Requirements:

Note: All non-credit courses must be completed with a "pass" credit.

Code	Title	Units
CSIS-070	Drone Flight School	0
CSIS-072	Drone Surveying & Mapping	0

Associate Degree for Transfer℠

Early Childhood Education for Transfer (AS-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Science in Early**

Childhood for Transfer degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The Child Development Program is designed to provide courses which lead toward an Associate Degree and/or Certificate in Child Development and meet the requirements of the California Commission on Teacher Credentialing. It emphasizes program and curriculum planning for children from infancy through school age, guidance techniques, special needs of children and families, creative learning, health and safety education, administration of child development programs and current issues in the field.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Analyze and apply principles of scientific research to the study of human development; integrate and apply current theory and research to the observation, documentation, and unbiased analysis of human behaviors.
    2. Formulate practical applications of theory and research to developmentally appropriate practice in varying contexts: personal, classroom, agency and community.
    3. Critically examine societal and personal attitudes, beliefs, values and assumptions towards the diverse contexts of child and human development including: ethnicity, gender, language, family structure, socio-economic status, age and ability.
    4. Compare and examine differing social, economic, political, historical, cultural and family contexts and their effect on human development; demonstrate effective advocacy techniques related to current social issues pertaining to children, adults, and families.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
CD-123	Principles and Practices of Programs and Curriculum for Young Children	3
CD-125	Child Growth and Development	3
CD-130	Curriculum: Design and Implementation	3
CD-131	Child, Family and Community	3
CD-134	Health, Safety and Nutrition of Young Children	3
CD-153	Teaching in a Diverse Society	3
CD-212	Practicum in Early Childhood Education	3
CD-213	Observation and Assessment	3
Units for the major		**24**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Economics Associate in Arts

Economics is the study of how a society chooses to use its limited resources to produce, exchange, and consume goods and services. The study is divided into two broad areas - macroeconomics and microeconomics. Macroeconomics deals with broad, economy-wide issues such as economic growth, inflation, unemployment, and depression. Microeconomics focuses on choices and behavior of individual participants in the economy - producers, workers, employers and consumers - and on issues involving competition, monopoly, and inequality in income and wealth. Microeconomics can also provide insights in such areas as family relationships, crime, and discrimination of many sorts.

The associate degree program with a major in economics will prepare students to transfer to four-year institutions where they can complete baccalaureate degrees in economics and other disciplines. It is important to understand that economics is an impacted major at most University of California campuses and at several California State University campuses. It is recommended, therefore, that students consult the catalog of the transfer institution for specific requirements. By and large, jobs for economists in teaching, government, or large corporations require a graduate degree in the field, while a bachelor's degree in economics will qualify students for the same kinds of jobs available for holders of general business degrees or general liberal arts degrees.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Auditor[1]
Claim Adjuster[2]
Claim Examiner[2]
Computer Systems Engineer[1]
Credit Analyst[1]
Employment Interviewer
Financial Planner[1]
Fund Raiser[1]
Hospital Insurance Representative
Market Research Analyst
Statistician[1]
Treasurer[1]

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Employ their discipline knowledge and skills in service to the community; for example, present themselves and interact with others in a professional manner, communicate economic concepts orally, convey economic ideas in a variety of written forms.
    2. Demonstrate knowledge of micro- and macroeconomic theories.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
ECON-110	Economic Issues and Policies	3
ECON-120	Principles of Macroeconomics	3
ECON-121	Principles of Microeconomics	3
ECON-215	Statistics for Business and Economics	4
or STAT-C1000	Introduction to Statistics	
BUS-120	Financial Accounting	4
CSIS-110	Principles of Information Systems	4
POLS-C1000	American Government and Politics	3
Select one of the following:		3
POSC-130	Introduction to International Relations	
SOC-120	Introductory Sociology	
Select one of the following:		4-5
MATH-178	Calculus for Business, Social and Behavioral Sciences [1]	
MATH-180	Analytic Geometry and Calculus I [1]	
Total Units		**31-32**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

[1] Students planning to transfer to four-year institutions to complete a bachelor's degree in economics should be aware that the major at such institutions often requires a three-semester sequence in calculus equivalent to MATH-180 Analytic Geometry and Calculus I-MATH-280 Analytic Geometry and Calculus II-MATH-281 Multivariable Calculus.

Associate Degree for Transfer℠

Economics for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Economics for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The Associate in Arts in Economics Transfer Degree (AA-T) will provide students with the lower division core courses required for bachelorette-level study in the discipline. A bachelor's degree in economics offers graduates a variety of career paths in such fields as management, finance, government, and general business. It also serves as an excellent foundation for post-graduate training in fields such as law, education, and health care. Furthermore, the study of economics facilitates the development of higher-level analytical reasoning skills applicable to a variety of educational and occupational endeavors.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Employ their discipline knowledge and skills to the community; for example present themselves and interact with others in a professional manner, communicate economic concepts orally, convey economic ideas in a variety of written forms.
    2. Demonstrate knowledge of micro- and macroeconomic theories.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
ECON-120	Principles of Macroeconomics	3
ECON-121	Principles of Microeconomics	3
ECON-215	Statistics for Business and Economics [1]	4
or ANTH-215	Statistics for the Behavioral Sciences	
or PSY-215	Statistics for the Behavioral Sciences	
or SOC-215	Statistics for the Behavioral Sciences	
or STAT-C1000	Introduction to Statistics	
MATH-178	Calculus for Business, Social and Behavioral Sciences	4-5
or MATH-180	Analytic Geometry and Calculus I	
List A		
Select one of the following:		3-4
BUS-120	Financial Accounting	
BUS-121	Managerial Accounting	
BUS-128	Business Communication	
CSIS-110	Principles of Information Systems	
List B		
Select one of the following:		3
Any course not used in List A.		

ECON-110	Economic Issues and Policies	
ECON-261	Economic Relations of the Asia Pacific	
Units for the major		**20-22**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Educators Global Awareness Certificate of Proficiency



Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. This certificate will not appear on a student's transcript.

This Educators Global Awareness Certificate accompanies the successful completion of the courses listed below. In tandem with the two state required courses, the additional "Globalization" class provides an educator with the background and skills needed to successfully address global issues in today's rapidly changing world; additionally it prepares the educator to incorporate the increasingly important "current events" type of curriculum or course. This certificate addresses the increased demand for a culturally and globally competent public and education system.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
GEOG-106	World Regional Geography	3
GEOL-104	Earth Science	3
GEOG-100	Introduction to Global Studies	3
or GEOG-101	Global Issues	
Total Units		**9**

English Associate in Arts and Certificate of Achievement



The English major fulfills lower division requirements at most four-year colleges and universities and thus provides a broadbased foundation for transfer. For particular requirements, transfer students should consult the catalog of the transfer institution for specific requirements.

The study of English gives life-long pleasures to students in exploring and understanding how language works to express human ideas and feelings. English course work also helps people succeed in such diverse fields as teaching, writing, editing, journalism, advertising, public relations, law, insurance, communications, film and video work, politics, business, and medicine.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Advertising Manager[1]
Announcer (Radio and TV)
Clergy Member
College English Professor[1]
Fiction/Nonfiction Writer
Foreign Service Officer
Freelance Writer[1]
Fund Raiser[1]
Media Planner[1]
Reporter[1]
Researcher[1]

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Read a variety of genres and texts critically.
    2. Write persuasively in a variety of genres and contexts.
    3. Investigate ideas effectively through sound research and writing techniques.
    4. Demonstrate an understanding of diverse cultural perspectives.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Core Curriculum

Code	Title	Units
ENGL-C1000	Academic Reading and Writing	3-6
or ESL-122	College Rhetoric	
ENGL-C1001	Critical Thinking and Writing	3
ENGL-122	Introduction to Literature	3
ENGL-126	Introduction to Creative Writing	3
Select two of the following:		6
ENGL-221	British Literature I	
ENGL-222	British Literature II	
ENGL-231	American Literature I	
ENGL-232	American Literature II	
Select one of the following:		3
ENGL-215	Mythology	
ENGL-236	Chicana/o Literature	
or ETHN-236	Chicana/o Literature	
ENGL-237	American Indian Literature	
or ETHN-237	American Indian Literature	
ENGL-238	Black Literature	
or ETHN-238	Black Literature	
Select one of the following:		3
HIST-100	Early World History	

HIST-101	Modern World History	
HIST-105	Early Western Civilization	
HIST-106	Modern Western Civilization	
HUM-120	European Humanities	
HUM-170	Modern World Humanities	
Total Units		**24-27**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Recommended Electives

Students planning to transfer to four-year institutions to complete a bachelor's degree in English are **strongly** urged to take the following courses, depending on the requirements at those schools.

Code	Title	Units
Two sequential semesters of a single foreign language		10
Total Units		**10**

Creative Writing Area of Emphasis

Code	Title	Units
Select six (6) additional units from the following:		6
ENGL-130	Short Fiction Writing I	
ENGL-131	Short Fiction Writing II	
ENGL-132	Short Fiction Writing III	
ENGL-133	Short Fiction Writing IV	
ENGL-134	Creative Nonfiction Writing I	
ENGL-135	Creative Nonfiction Writing II	
ENGL-136	Creative Nonfiction Writing III	
ENGL-137	Creative Nonfiction Writing IV	
ENGL-140	Poetry Writing I	
ENGL-141	Poetry Writing II	
ENGL-142	Poetry Writing III	
ENGL-143	Poetry Writing IV	
ENGL-145	Acorn Review: Editing and Production I	
ENGL-146	Acorn Review: Editing and Production II	
ENGL-147	Acorn Review: Editing and Production III	
ENGL-148	Acorn Review: Editing and Production IV	
ENGL-160	Drama Writing I	
ENGL-161	Drama Writing II	
ENGL-162	Drama Writing III	
ENGL-163	Drama Writing IV	
ENGL-175	Novel Writing I	
ENGL-176	Novel Writing II	
ENGL-177	Novel Writing III	
ENGL-178	Novel Writing IV	
Total Units		**6**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only those courses required for the above major (i.e., 24 units) qualifies for a Certificate of Achievement in English. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Certificate of Achievement

Any student who chooses to complete only those courses required for the above major (i.e., 30 units) qualifies for a Certificate of Achievement in English – Creative Writing. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Associate Degree for Transfer℠

English for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in English for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The discipline of English assists students in appreciating literature and in developing skills in varied forms of communication. The ability to understand and use English effectively is necessary for success in diverse fields such as creative and technical writing, journalism and telecommunications, advertising and marketing, teaching, editing, public relations, law, politics, medicine, and business.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Understand the uses of language to express ideas in a variety of texts.
    2. Develop reading efficiency and appreciation in order to critically engage, analyze, and evaluate multiple genres of texts.
    3. Make effective choices that demonstrate their autonomy as expository and/or creative writing.

4. Critically analyze, assess, contextualize, and synthesize sources within their writing.
5. Recognize, appreciate, and evaluate multiple cultural perspectives.
6. Participate in various communities, such as academic, artistic, civic, and professional.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
ENGL-122	Introduction to Literature	3
ENGL-C1001	Critical Thinking and Writing	3
List A		
Select two of the following:		6
ENGL-221	British Literature I	
ENGL-222	British Literature II	
ENGL-231	American Literature I	
ENGL-232	American Literature II	
ENGL-271	World Literature II	
List B		
Select one of the following:		3
Any course from List A not already used, or		
ENGL-126	Introduction to Creative Writing	
ENGL-201	Women, Gender, and Sexuality in Literature [1]	
ENGL-203	Children's Literature	
ENGL-217	Fantasy and Science Fiction	
List C		
Select one of the following:		3-5
Any course from List A or List B not already used, or		
ENGL-130	Short Fiction Writing I	
ENGL-131	Short Fiction Writing II	
ENGL-132	Short Fiction Writing III	
ENGL-133	Short Fiction Writing IV	
ENGL-134	Creative Nonfiction Writing I	
ENGL-135	Creative Nonfiction Writing II	
ENGL-136	Creative Nonfiction Writing III	
ENGL-137	Creative Nonfiction Writing IV	
ENGL-140	Poetry Writing I	
ENGL-141	Poetry Writing II	
ENGL-142	Poetry Writing III	
ENGL-143	Poetry Writing IV	
ENGL-145	Acorn Review: Editing and Production I	
ENGL-146	Acorn Review: Editing and Production II	
ENGL-147	Acorn Review: Editing and Production III	
ENGL-148	Acorn Review: Editing and Production IV	
ENGL-160	Drama Writing I	
ENGL-161	Drama Writing II	
ENGL-162	Drama Writing III	
ENGL-163	Drama Writing IV	
ENGL-175	Novel Writing I	
ENGL-176	Novel Writing II	
ENGL-177	Novel Writing III	
ENGL-178	Novel Writing IV	
ENGL-215	Mythology [1]	
ENGL-218	Shakespeare - His Plays and the Theatre of His Time [1]	
ENGL-219	Death and Dying in Literature	
ENGL-236	Chicana/o Literature	
or ETHN-236	Chicana/o Literature	
ENGL-238	Black Literature	
or ETHN-238	Black Literature	
ENGL-239	Asian American Literature	
or ETHN-239	Asian American Literature	
ARBC-121	Arabic II	
ARBC-220	Arabic III	
ARBC-221	Arabic IV	
ASL-121	American Sign Language II	
ASL-220	American Sign Language III	
ASL-221	American Sign Language IV	
FREN-121	French II	
FREN-220	French III	
FREN-221	French IV	
SPAN-121	Spanish II	
SPAN-220	Spanish III	
SPAN-221	Spanish IV	
Units for the major		**18-20**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

ESL Milestone - Pathway to Transfer - Business Success Certificate of Achievement



The ESL Milestone - Pathway to Transfer: Business Success Certificate of Achievement is designed to prepare English Language learners (ELLs) for the academic rigor of degree-applicable coursework in various Academic and Careers Pathways Majors. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to Business Success degrees, certificates, or transfer. At least 50% of all major course work must be completed at Grossmont College. This certificate requires a total of 19 - 21 units.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
2. Analyze and evaluate academic texts to prepare for and complete academic writing.
3. Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Note: All courses must be completed with a "C" or higher or "Pass."

Code	Title	Units
ESL-105	Rhetoric for Academic Success	6
ESL-115	Exploring U.S. Cultures	6
ESL-122	College Rhetoric	6
Select one of the following:		1-3
BUS-110	Introduction to Business	
BUS-140	Entrepreneurship: Developing a Business Plan	
BUS-250	Introduction to International Business	
ECON-120	Principles of Macroeconomics	
ECON-121	Principles of Microeconomics	
BOT-106	Effective Job Search	
BOT-107	Office Systems and Procedures	
BOT-114	Essential Word	
BOT-115	Essential Excel	
Total Units		**19-21**

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

ESL Milestone - Pathway to Transfer: Health Sciences Certificate of Achievement



The ESL Milestone - Pathway to Transfer: Health Sciences Certificate of Achievement is designed to prepare English Language learners (ELLs) for the academic rigor of degree-applicable coursework in various Academic and Careers Pathways Majors. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to Health Sciences degrees, certificates, or transfer. At least 50% of all major course work must be completed at Grossmont College. This certificate requires a total of 21-22 units.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
2. Analyze and evaluate academic texts to prepare for and complete academic writing.
3. Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
ESL-105	Rhetoric for Academic Success	6
ESL-115	Exploring U.S. Cultures	6
ESL-122	College Rhetoric	6
Select one of the following:		3-4
BIO-120	Principles of Biology	
ES-250	Introduction to Kinesiology	
NUTR-155	Introduction to Nutrition	
Total Units		**21-22**

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

ESL Milestone - Pathway to Transfer: Language and Communication Certificate of Achievement



The ESL Milestone - Pathway to Transfer: Language and Communication Certificate of Achievement is designed to prepare English Language learners (ELLs) for the academic rigor of degree-applicable coursework in various Academic and Careers Pathways Majors. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to Language and Communication degrees, certificates, or transfer. At least 50% of all major course work must be completed at Grossmont College. This certificate requires a total of 21-23 units.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
2. Analyze and evaluate academic texts to prepare for and complete academic writing.

3. Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
ESL-105	Rhetoric for Academic Success	6
ESL-115	Exploring U.S. Cultures	6
ESL-122	College Rhetoric	6
Select one of the following:		3-5
ASL-120	American Sign Language I	
ARBC-120	Arabic I	
CHIN-120	Chinese I	
COMM-120	Interpersonal Communication	
COMM-C1000	Introduction to Public Speaking	
COMM-124	Intercultural Communication	
FREN-120	French I	
GERM-120	German I	
JAPN-120	Japanese I	
MCOM-110	Mass Media and Society	
RUSS-120	Russian I	
SPAN-120	Spanish I	
Total Units		**21-23**

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

ESL Milestone - Pathway to Transfer: Science, Technology, Engineering, and Math (STEM) Certificate of Achievement



The ESL Milestone - Pathway to Transfer: Science, Technology, Engineering, and Math (STEM) Certificate of Achievement is designed to prepare English Language learners (ELLs) for the academic rigor of degree-applicable coursework in various Academic and Careers Pathways Majors. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to Science, Technology, Engineering, and Math (STEM) degrees, certificates, or transfer. At least 50% of all major course work must be completed at Grossmont College. This certificate requires a total of 21-24 units.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
2. Analyze and evaluate academic texts to prepare for and complete academic writing.
3. Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
ESL-105	Rhetoric for Academic Success	6
ESL-115	Exploring U.S. Cultures	6
ESL-122	College Rhetoric	6
Select one of the following:		3-6
ASTR-110	Descriptive Astronomy	
BIO-240	Principles of Ecology, Evolution and Organismal Biology	
CHEM-110	Environmental Chemistry	
CSIS-119	Introduction to Computer Programming	
CSIS-293	Introduction to Java Programming	
GEOG-120	Physical Geography: Earth Systems	
GEOL-110	Planet Earth	
MATH-170	Analytic Trigonometry	
MATH-175	College Algebra	
MATH-176	Precalculus: Functions and Graphs	
OCEA-112	Introduction to Oceanography	
PHYC-110	Introductory Physics	
Total Units		**21-24**

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

ESL Milestone - Pathway to Transfer: Social and Behavioral Sciences Certificate of Achievement



The ESL Milestone - Pathway to Transfer: Social and Behavioral Sciences Certificate of Achievement is designed to prepare English Language learners (ELLs) for the academic rigor of degree-applicable coursework in various Academic and Careers Pathways Majors. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to Social and Behavioral Sciences degrees, certificates, or transfer. At least 50% of all major course work must be completed at Grossmont College. This certificate requires a total of 21 units.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
2. Analyze and evaluate academic texts to prepare for and complete academic writing.
3. Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities

Note: All courses must be completed with a "C" or higher or "Pass."

Code	Title	Units
ESL-105	Rhetoric for Academic Success	6
ESL-115	Exploring U.S. Cultures	6
ESL-122	College Rhetoric	6
Select one of the following:		3
ANTH-120	Cultural Anthropology	
AOJ-110	Introduction to Administration of Justice	
AOJ-200	Criminal Law	
CD-131	Child, Family and Community	
ETHN-107	History of Race & Ethnicity in the United States	
ETHN-114	Introduction to Race & Ethnicity	
GEOG-130	Human Geography: The Cultural Landscape	
POLS-C1000	American Government and Politics	
PSYC-C1000	Introduction to Psychology	
SOC-120	Introductory Sociology	
Total Units		**21**

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

ESL Milestone - Pathway to Transfer: The Humanities

The ESL Milestone - Pathway to Transfer: The Humanities Certificate of Achievement is designed to prepare English Language learners (ELLs) for the academic rigor of degree-applicable coursework in various Academic and Careers Pathways Majors. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to The Humanities degrees, certificates, or transfer. At least 50% of all major course work must be completed at Grossmont College. This certificate requires a total of 21 units.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
2. Analyze and evaluate academic texts to prepare for and complete academic writing.
3. Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Note: All courses must be completed with a "C" or higher or "Pass."

Code	Title	Units
ESL-105	Rhetoric for Academic Success	6
ESL-115	Exploring U.S. Cultures	6
ESL-122	College Rhetoric	6
Select one of the following:		3
ENGL-C1001	Critical Thinking and Writing	3
HIST-108	Early American History	
HIST-109	Modern American History	
HUM-110	Principles of the Humanities	
PHIL-110	A General Introduction to Philosophy	
RELG-140	Religion and Culture	
Total Units		**24**

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

ESL Pathway Visual and Performing Arts Certificate of Achievement

The ESL Pathway Certificate program is designed to prepare English Language Learners (ELLs) for the academic rigor of degree-applicable coursework in the Visual and Performing Arts Academic and Career Pathway. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to degrees, certificates, or transfer. To earn a certificate, complete the required courses as listed with a grade of C or better.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
2. Analyze and evaluate academic texts to prepare for and complete academic writing.

3. Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Certificate of Achievement Requirements

Code	Title	Units
ESL-2	Accelerated Composition for English as a Second Language	6
ESL-122	College Rhetoric	6
Select three (3) units from the following:		3
ART-120	Two-Dimensional Design	
ART-124	Drawing I	
GD-105	Fundamentals of Digital Media	
MUS-110	Great Music Listening	
THTR-110	Introduction to the Theatre	
Select three to four (3-4) units from the following:		3-4
COMM-C1000	Introduction to Public Speaking	
COMM-120	Interpersonal Communication	
MATH-120	Quantitative Reasoning	
PHIL-125	Critical Thinking and Philosophical Composition	
STAT-C1000	Introduction to Statistics	
Total Units		**18-19**

Certificate of Achievement

Students who complete the major requirements above qualify for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Exercise Science and Wellness Associate in Science and Certificate of Achievement



The Department of Exercise Science and Wellness (formerly the Department of Physical Education) offers a solid academic foundation for further study in the field of exercise science, kinesiology and/or physical education. The primary emphasis of the Exercise Science and Wellness major program is to prepare students for successful transfer to baccalaureate (four-year) institutions as well as for entry-level jobs within the fitness industry. The course package for majors is modeled on the preparation for major at San Diego State University, and allows for an emphasis either in Fitness, Nutrition and Health in line with SDSU. The package may also satisfy many requirements for most other California State University institutions as well, but students should check the catalog of the school being considered for its specific requirements.

This department also offers a Fitness Specialist Certificate program which is designed to prepare students to take nationally recognized certification examinations offered throughout the fitness industry. Refer to Fitness Specialist Certification, Certificate of Proficiency in Associate Degree Programs and Certificates (https://catalog.gcccd.edu/grossmont/associate-degree-programs-certificates/health-sciences/exercise-science-wellness/fitness-specialist-certification-cert-proficiency/). For more details, contact the Exercise Science Department.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Athletic Trainer[1]
Fitness Professional (personal trainer, aerobic dance instructor, fitness club instructor, etc.)
Instructor, fitness club instructor, etc.
Physical Therapy[1]
Recreational Sports Coach[1]
Secondary School Coach[1]
Teacher[1]

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate knowledge, skills and appreciation of exercise science principles.
2. Identify the basic principles for maintaining an active and healthy lifestyle

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
ES-005A	Beginning Cardio Fitness and Resistance Training	1.5
or ES-005B	Intermediate Cardio Fitness and Resistance Training	
or ES-005C	Advanced Cardio Fitness and Resistance Training	
ES-250	Introduction to Kinesiology	3
ES-255	Care and Prevention of Athletic and Recreational Injuries	3
ES-290	Teaching Techniques and Methods in Exercise Science	1.5
BIO-140	Human Anatomy	4
CHEM-115	Fundamentals of Chemistry	4
or CHEM-120	Preparation for General Chemistry	
COMM-C1000	Introduction to Public Speaking	3
NUTR-158	Nutrition for Fitness and Sports	3
or NUTR-255	Science of Nutrition	
PSY-120	Introductory Psychology	3
SOC-120	Introductory Sociology	3
Select one of the following:		3-4
BIO-215	Statistics for Life Sciences	
PSY-215	Statistics for the Behavioral Sciences	
SOC-215	Statistics for the Behavioral Sciences	
STAT-C1000	Introduction to Statistics	
Select one of the following:		1-1.5
ES-006A	Beginning Fitness Circuit	

ES-006B	Intermediate Fitness Circuit
ES-006C	Advanced Fitness Circuit
ES-008A	Beginning Indoor Cycling
ES-008B	Intermediate Indoor Cycling
ES-008C	Advanced Indoor Cycling
ES-009A	Beginning Aerobic Dance Exercise
ES-009B	Intermediate Aerobic Dance Exercise
ES-009C	Advanced Aerobic Dance Exercise
ES-023A	Beginning Resistance Training
ES-023B	Intermediate Resistance Training
ES-023C	Advanced Resistance Training
ES-026	Stress Reduction Through Movement and Mindfulness
ES-027A	Beginning T'ai Chi Ch'uan
ES-027B	Intermediate T'ai Chi Ch'uan
ES-027C	Advanced T'ai Chi Ch'uan
ES-043A	Beginning Swimming
ES-043B	Intermediate Swimming
ES-043C	Advanced Swimming
ES-060A	Beginning Badminton
ES-060B	Intermediate Badminton
ES-060C	Advanced Badminton
ES-076A	Beginning Tennis
ES-076B	Intermediate Tennis
ES-076C	Advanced Tennis
ES-125A	Beginning Golf
ES-125B	Intermediate Golf
ES-125C	Advanced Golf
ES-130A	Beginning Gymnastics
ES-130B	Intermediate Gymnastics
ES-130C	Advanced Gymnastics
ES-171A	Beginning Softball
ES-171B	Intermediate Softball
ES-171C	Advanced Softball
ES-175A	Beginning Volleyball
ES-175B	Intermediate Volleyball
ES-175C	Advanced Volleyball
Total Units	**33-34.5**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

[1] NUTR-255 Science of Nutrition is required for the Kinesiology major at SDSU.

Certificate of Achievement

Any student who chooses to complete only those courses required for the above major qualifies for a Certificate of Achievement in Exercise Science and Wellness. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Fitness Specialist Certification, Certificate of Proficiency



Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. This certificate will **not** appear on a student's transcript. The Exercise Science and Wellness Department offers a program in Fitness Specialist Certification which is designed to prepare students to take nationally recognized certification examinations offered throughout the fitness industry. For more details, contact the ES department chair at (619) 644-7402.

The Exercise Science and Wellness Department offers a Fitness Specialist Certificate. Designed as a 1-year program with sequenced courses, this certificate prepares students to successfully pass national fitness certification exams as well as work in the fitness industry. The courses for the Fitness Specialist Certification are different than those required for transfer to 4-year institutions in Exercise Science or Kinesiology; courses are intended as vocational preparation rather than a step for a baccalaureate degree. For more details, contact the ES department chair at (619) 644-7400.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
ES-255	Care and Prevention of Athletic and Recreational Injuries	3
ES-291	Anatomy and Kinesiology for Fitness Specialists	3
ES-292	Exercise Physiology for Fitness Specialists	3
ES-293	Strength Trainer/Fitness Assessments for Fitness Specialists	2.5
ES-294	Exercise Program Design and Special Populations	3
ES-296	Internship Seminar for Fitness Specialists	0.5
ES-297	Internship for Fitness Specialists	1
NUTR-158	Nutrition for Fitness and Sports	3
Total Units		**19**

Forensic Technology Associate in Science and Certificate of Achievement



Students planning careers in Administration of Justice may elect a program from the four options that follow: Law Enforcement, Corrections, Forensic Technology or Security Management. The programs are

designed to meet lower division university transfer, job entry, or promotion requirements, depending on student need.

Students seeking employment with local, state or federal law enforcement agencies specialize in Law Enforcement. Students seeking careers in a jail or prison system, parole, probation or certain aspects of social work may specialize in Corrections. Students who desire a career in scientific criminal investigation and in crime laboratories may specialize in Forensic Technology. Students interested in government, homeland defense, or corporate security, should pursue the Security Management area of emphasis.

The Administration of Justice Department also offers a Police Academy, Corrections Academy, Security Academy, and Public Safety Dispatch course.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

- Adjudicator/Judge[1]
- Arson Investigator
- Bar Examiner[1]
- Correctional Officer
- Crime Lab/Forensic Technician
- Dispatcher
- District Attorney[1]
- Lawyer/Prosecutor/Public Defender[1]
- Evidence Technician/Specialist
- Federal Law Enforcement[1]
  - Border Patrol Agent[1]
  - FBI[1]
  - Immigration and Customs Enforcement
  - Postal Inspector
  - Transportation Security Administration Officer
  - Treasury Agent[1]
  - Secret Service[1]
  - U.S. Marshall[1]
- Fingerprint Examiner
- Forensic Scientist[1]
- Forensic Specialist
- Fraud/Forgery Investigator
- Latent Print Examiner
- Parole/Probation Officer
- Police Officer/Deputy Sheriff/Highway Patrol
- Security Director*
- Security Manager
- Security Officer
- Traffic Officer

[1] Bachelor's Degree or higher is usually required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
   1. Demonstrate knowledge, skills, and abilities relevant to the AOJ certificate / degree program completed.
   2. Demonstrate ethical and professional behavior.
   3. Communicate effectively, in written, verbal and non-verbal forms.
   4. Identify the major components of the criminal justice system, current and historical, including laws enforcement, courts and corrections.
   5. Describe and/or demonstrate the stages of a criminal investigation and the protocol of evidence collection, preservation, and analysis.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
AOJ-110	Introduction to Administration of Justice	3
AOJ-148	Fingerprint Identification	3
AOJ-150	Forensic Photography	4
AOJ-200	Criminal Law	3
AOJ-206	Criminal Investigation	3
AOJ-218	Crime Scene Technology	4
AOJ-220	Forensic Analysis	4
AOJ-240	Community and the Justice System	3
AOJ-252	Advanced Forensic Photography	4
AOJ-254	Advanced Fingerprint Identification	3
BIO-120	Principles of Biology	4
Select one of the following:		4
CHEM-113	Forensic Chemistry	
CHEM-115	Fundamentals of Chemistry	
CHEM-120	Preparation for General Chemistry	
Total Units		**42**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Recommended Electives

Code	Title	Units
AOJ-224	Forensic Public Service Internship	2

Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Administration of Justice: Forensics Technology. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

French Associate in Arts and Certificate of Achievement



This program is designed to provide students with skills in understanding, speaking, reading, and writing French. It also gives students a greater

understanding of French culture and civilization and prepares them for greater international and domestic career opportunities.

For the suggested sequence of courses to be taken, and/or for assistance in transferring to a four-year institution, students should consult the Counseling Center or the Department of World Languages.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Diplomatic Officer[1]
Fashion Coordinator[2]
Foreign Broadcast Specialist[1]
Foreign Correspondent[1]
Immigration Inspector
Journalist[1]
Teacher/Professor[1]
Travel Agent[2]
United Nations Guide

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Utilize more complex vocabulary and grammatical structures to communicate and discuss hypothetical situations dealing with nature, city, life, health, and well-being, professions and occupations, the arts, current events, and politics.
2. Utilize more complex vocabulary and grammatical structures to write about situations dealing with nature, city, life, health and well-being, professions, and occupations, the arts, current events, and politics.
3. Use language and vocabulary skills developed in class to read, analyze, and interpret authentic texts.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
FREN-120	French I	5
FREN-121	French II	5
FREN-152	The French-Speaking World: A Cross- - Cultural Perspective	3
FREN-220	French III	5
FREN-221	French IV	5
FREN-250	Conversational French I	3
FREN-251	Conversational French II	3
Total Units		**29**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who wishes to complete only the requirements listed above qualifies for a Certificate of Achievement in French. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Front Office / Receptionist Certificate of Proficiency



The following Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. These certificates will not appear on a student's transcript.

The BOT Front Office/ Receptionist certificate would provide an entry-level employment opportunity for a completer that finishes the courses below. These skills are aimed at a student who is seeking a front office/ receptionist related position in an office. This Certificate of Proficiency prepares a beginning student to work in a job that requires basic keyboarding skills, a basic knowledge of filing, and basic office procedures necessary for meeting and greeting the public in person, by telephone, and electronically.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Select one of the following:		1
BOT-100	Basic Keyboarding	
or		
BOT-103A & BOT-103B	Building Keyboarding Skill I and Building Keyboarding Skill II	
BOT-104	Filing and Records Management	1
BOT-107	Office Systems and Procedures	2
BOT-113	Social Media Basics for the Job Seeker	0.5
BOT-151	Using Microsoft Outlook	1
Select one of the following:		2-4
BOT-172	Introduction to Microcomputer Applications	
or		
BOT-114 & BOT-115 & BOT-116 & BOT-117	Essential Word and Essential Excel and Essential Access and Essential PowerPoint	
Total Units		**7.5-9.5**

General Studies AA - Humanities and Fine Arts

To meet the General Studies degree requirements, a student must complete the following:

I. **AA/AS General Education Requirements (see Degree Requirements section of the catalog).**

II. **Choose a minimum of 18 units. Minimum 3 units from Humanities and 3 units from Fine Arts.**

The remaining units can be taken from either category.

Courses in this emphasis are designed to cultivate intellect, imagination, sensibility and sensitivity. Students will study great works of the human imagination and will examine their own esthetic and creative experience. Awareness and appreciation of humanistic disciplines will be explored and encouraged. Students will be exposed to the study of human culture from a variety of perspectives.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Analyze the principle elements of representative examples of art, literature, theater, philosophy, music, dance, film, or other relevant areas of cultural and/or intellectual creativity.
2. Demonstrate an awareness of the historical and philosophical contexts of representative areas, movements, media, works, and/or styles of cultural and/or intellectual creativity.
3. Employ the language, concepts and methods of interpretive criticism as applicable to the respective categories of human creativity.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Humanities		
ARBC-120	Arabic I	
ARBC-121	Arabic II	
ARBC-122	Arabic for the Arabic Speaker I	
ARBC-123	Arabic for the Arabic Speaker II	
ARBC-148	Language, Culture, and Literature of the Arab World	
ARBC-220	Arabic III	
ARBC-221	Arabic IV	
ARBC-250	Conversational Arabic I	
ARBC-251	Conversational Arabic II	
ASL-120	American Sign Language I	
ASL-121	American Sign Language II	
ASL-130	American Sign Language: Fingerspelling	
ASL-131	American Sign Language: Fingerspelling II	
ASL-140	Inside Deaf Culture	
ASL-220	American Sign Language III	
ASL-221	American Sign Language IV	
CHIN-120	Chinese I	
CHIN-121	Chinese II	
CHIN-220	Chinese III	
CHIN-221	Chinese IV	
CHIN-250	Conversational Chinese I	
CHIN-251	Conversational Chinese II	
COMM-124	Intercultural Communication	
COMM-137	Critical Thinking in Group Communication	
COMM-144	Communication Studies: Race and Ethnicity	
COMM-145	Argumentation	
ENGL-122	Introduction to Literature	
ENGL-201	Women, Gender, and Sexuality in Literature	
ENGL-215	Mythology	
ENGL-217	Fantasy and Science Fiction	
ENGL-218	Shakespeare - His Plays and the Theatre of His Time	
ENGL-219	Death and Dying in Literature	
ENGL-221	British Literature I	
ENGL-222	British Literature II	
ENGL-231	American Literature I	
ENGL-232	American Literature II	
ENGL-236	Chicana/o Literature	
ENGL-237	American Indian Literature	
ENGL-238	Black Literature	
ENGL-239	Asian American Literature	
ENGL-271	World Literature II	
ETHN-127	La Chicana	
ETHN-144	Communication Studies: Race and Ethnicity	
ETHN-236	Chicana/o Literature	
ETHN-237	American Indian Literature	
ETHN-238	Black Literature	
ETHN-239	Asian American Literature	
FREN-120	French I	
FREN-121	French II	
FREN-152	The French-Speaking World: A Cross- - Cultural Perspective	
FREN-220	French III	
FREN-221	French IV	
FREN-250	Conversational French I	
FREN-251	Conversational French II	
GERM-120	German I	
GERM-121	German II	
GERM-220	German III	
GERM-221	German IV	
GERM-250	Conversational German I	
GERM-251	Conversational German II	
HIST-100	Early World History	
HIST-101	Modern World History	
HIST-103	Twentieth Century World History	
HIST-105	Early Western Civilization	
HIST-106	Modern Western Civilization	
HIST-126	History of Mexico	
HIST-135	Ancient History of Western Civilization	
HIST-136	Survey of Medieval History	
HIST-137	History of East Asia	
HIST-148	Modern Middle East History	
HIST-170	History of Africa: Prehistory to 1400	
HIST-172	U.S History of Death, Dying, & Afterlife	
HUM-110	Principles of the Humanities	
HUM-120	European Humanities	
HUM-125	Women and Western Culture	
HUM-130	East Asian Humanities	
HUM-135	Blues as Literature, History, and Culture	

HUM-140	Humanities of the Americas
HUM-160	Humanities of the Future
HUM-170	Modern World Humanities
ITAL-120	Italian I
ITAL-121	Italian II
ITAL-220	Italian III
ITAL-221	Italian IV
ITAL-250	Conversational Italian I
ITAL-251	Conversational Italian II
JAPN-120	Japanese I
JAPN-121	Japanese II
JAPN-149	Japanese Culture and Civilization
JAPN-220	Japanese III
JAPN-221	Japanese IV
JAPN-250	Conversational Japanese I
JAPN-251	Conversational Japanese II
PHIL-110	A General Introduction to Philosophy
PHIL-111	Philosophy and Popular Culture
PHIL-115	History of Philosophy I: Ancient and Medieval
PHIL-117	History of Philosophy II: Modern and Contemporary
PHIL-120	Asian and Pacific Philosophies
PHIL-140	Problems in Ethics
PHIL-141	Bioethics
PHIL-142	Ethics of Technology
PHIL-145	Social and Political Philosophy
PHIL-150	The Philosophy of Art
PHIL-155	The Philosophy of Science
PHIL-160	Latin American Philosophy
PHIL-170	Philosophy of Religion
PHIL-200	Philosophy of the War on Drugs
RELG-110	Introduction to the Study of Religion
RELG-120	World Religions
RELG-130	Scriptures of World Religions
RELG-140	Religion and Culture
RELG-150	Asian Religions
RELG-165	Religion and American History
RELG-170	Introduction to Christianity
RELG-175	Religion, Government and Politics in America
RUSS-120	Russian I
RUSS-121	Russian II
RUSS-220	Russian III
RUSS-221	Russian IV
RUSS-250	Conversational Russian I
RUSS-251	Conversational Russian II
SPAN-120	Spanish I
SPAN-121	Spanish II
SPAN-122	Spanish for the Native Speaker I
SPAN-123	Spanish for the Native Speaker II
SPAN-141	Spanish and Latin American Cultures
SPAN-145	Hispanic Civilizations
SPAN-220	Spanish III
SPAN-221	Spanish IV
SPAN-250	Conversational Spanish I
SPAN-251	Conversational Spanish II

Fine Arts

ART-100	Art Appreciation
ART-104	Artists and Designers Today
ART-106	Introduction to Mural Painting and Design
ART-119	Color Theory
ART-120	Two-Dimensional Design
ART-121	Painting I
ART-124	Drawing I
ART-125	Drawing II
ART-126	Ceramics I
ART-127	Ceramics II
ART-129	Three-Dimensional Design
ART-130	Sculpture I
ART-131	Jewelry Design I
ART-132	Jewelry Design II
ART-140	Survey of Western Art I: Prehistory Through Middle Ages
ART-141	Survey of Western Art II: Renaissance Through Modern
ART-142	Art of Africa, Oceania and the Americas
ART-143	Modern Art
ART-145	Contemporary Art
ART-146	Asian Art
ART-147	American Art
ART-171	Introduction to Digital Art
ART-210	Introduction to Printmaking
ART-211	Intermediate Printmaking
ART-221	Painting III
ART-222	Painting IV
DANC-110	Dance History
DANC-120	Dance Appreciation
ENGL-126	Introduction to Creative Writing
ETHN-126	Chicano/Chicana and Mexican Art
ETHN-127	La Chicana
ETHN-134	Introduction to American Indian Art
MCOM-111	Introduction to Film Analysis
MUS-110	Great Music Listening
MUS-111	The History of Jazz
MUS-115	The History of Rock Music
MUS-116	Introduction to World Music
MUS-117	Introduction to Music History and Literature
MUS-123	History of Hip Hop Culture
MUS-189	Multimedia and the Creative Arts
PHOT-150	Introduction to Photography
PHOT-151	Personal Photographic Vision
PHOT-154	History of Photography
THTR-101	Introduction to Narrative Theory
THTR-110	Introduction to the Theatre

THTR-130	Acting I
THTR-131	Acting II
THTR-143	Historic Costume for the Theatre
THTR-144	20th Century Fashion and Costume
THTR-205	The American Musical on Stage and Screen

General Studies AA - Social and Behavioral Sciences

To meet the General Studies degree requirements, a student must complete the following:

I. **AA/AS General Education Requirements (see Degree Requirements section of the catalog).**
II. **Choose a minimum of 18 units. Minimum 3 units from Social and Behavioral Sciences and 3 units from Behavioral Sciences.**

The remaining units can be taken from either category.

These courses prepare students for a better understanding of the interrelationships of people and institutions and the complex world of cultures in which we live, a world that involves the dynamic patterns of social, political, economic and human factors by examining them in a scientific manner within their proper historical context. Students focus on people as members of society; develop an awareness of the method of inquiry used by the social and behavioral sciences. It shall be designed to stimulate critical thinking about the ways people act and have acted in response to their societies and should promote appreciation of how societies and social subgroups operate.

Program Learning Outcome

Upon successful completion of this program, students will be able to:

1. Describe general principles of the political institutions and government of the United States.
2. Demonstrate an understanding and appreciation of social, political, and economic institutions, including a historical perspective.
3. Evaluate the ways in which people interact both within and outside of their own culture as well as society as a whole.
4. Apply knowledge of social and behavioral sciences theories and scientific methods in an assessment of real-world problems

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Social Sciences		
AOJ-110	Introduction to Administration of Justice	
AOJ-200	Criminal Law	
AOJ-240	Community and the Justice System	
CD-115	Changing American Family	
CD-145	Child Abuse and Family Violence in Our Society	
CD-153	Teaching in a Diverse Society	
COMM-144	Communication Studies: Race and Ethnicity	
COMM-150	Leadership in Communication	
COUN-120	College and Career Success	
ECON-110	Economic Issues and Policies	
ECON-120	Principles of Macroeconomics	
ECON-121	Principles of Microeconomics	
ECON-125	Economic History of the United States	
ECON-130	Comparative Economic Systems	
ECON-135	Environmental Economics	
ECON-261	Economic Relations of the Asia Pacific	
ETHN-107	History of Race & Ethnicity in the United States	
ETHN-114	Introduction to Race & Ethnicity	
ETHN-118	U.S. History: Chicano/Chicana Perspectives I	
ETHN-119	U.S. History: Chicano/Chicana Perspective II	
ETHN-128	Introduction to Chicana/o Studies	
ETHN-130	U.S. History and Cultures: Native American Perspectives I	
ETHN-131	U.S. History and Cultures: Native American Perspectives II	
ETHN-135	San Diego County American Indian Tribes	
ETHN-137	American Indian Culture and Heritage	
ETHN-138	The History and Cultures of California Indians	
ETHN-143	Images of Black Women	
ETHN-144	Communication Studies: Race and Ethnicity	
ETHN-145	Introduction to Black Studies	
ETHN-150	Latinx Communities in the United States	
ETHN-160	U.S. History: Asian American and Pacific Island American Perspectives I	
ETHN-161	U.S. History: Asian American and Pacific Island American Perspectives II	
ETHN-180	U.S. History: Black Perspectives I	
ETHN-181	U.S. History: Black Perspectives II	
FS-115	Changing American Family	
GEND-116	Introduction to Women's Studies	
GEND-154	Early History of Women in World Civilization	
GEND-155	Modern History of Women in World Civilization	
GEOG-100	Introduction to Global Studies	
GEOG-101	Global Issues	
GEOG-106	World Regional Geography	
GEOG-130	Human Geography: The Cultural Landscape	
GEOG-170	The Geography of California	
HIST-100	Early World History	
HIST-101	Modern World History	
HIST-103	Twentieth Century World History	
HIST-105	Early Western Civilization	
HIST-106	Modern Western Civilization	
HIST-107	History of Race & Ethnicity in the United States	
HIST-108	Early American History	
HIST-109	Modern American History	
HIST-113	American Military History	

HIST-114	Comparative History of the Early Americas
HIST-115	Comparative History of the Modern Americas
HIST-118	U.S. History: Chicano/Chicana Perspectives I
HIST-119	U.S. History: Chicano/Chicana Perspectives II
HIST-122	Women in Early American History
HIST-123	Women in Modern American History
HIST-124	History of California
HIST-126	History of Mexico
HIST-130	U.S. History and Cultures: Native American Perspectives I
HIST-131	U.S. History and Cultures: Native American Perspectives II
HIST-136	Survey of Medieval History
HIST-137	History of East Asia
HIST-148	Modern Middle East History
HIST-154	Early History of Women in World Civilization
HIST-155	Modern History of Women in World Civilization
HIST-160	U.S. History: Asian American and Pacific Island American Perspectives I
HIST-161	U.S. History: Asian American and Pacific Island American Perspectives II
HIST-173	History of Science and Technology
HIST-180	U.S. History: Black Perspectives I
HIST-181	U.S. History: Black Perspectives II
MCOM-110	Mass Media and Society
MCOM-210	Social Media in the Digital Age
POSC-120	Introduction to Politics and Political Analysis
POLS-C1000	American Government and Politics
POSC-124	Introduction to Comparative Government and Politics
POSC-130	Introduction to International Relations
POSC-135	Model United Nations
POSC-140	Introduction to California Governments and Politics
POSC-145	Introduction to Latin American Government and Politics
POSC-147	Introduction to Middle East Government and Politics
POSC-148	American Foreign Policy
POSC-150	Introduction to Political Theory
POSC-160	Politics in Film
SOC-114	Introduction to Race & Ethnicity
SOC-150	Latinx Communities in the United States
Behavioral Sciences	
ANTH-120	Cultural Anthropology
ANTH-122	Anthropology of Magic, Witchcraft, and Religion
ANTH-127	Cultures of Latin America
ANTH-140	Introduction to Archaeology
CD-115	Changing American Family
CD-125	Child Growth and Development
CD-131	Child, Family and Community
CD-153	Teaching in a Diverse Society
COMM-124	Intercultural Communication
COMM-128	Global Communication
ETHN-115	Introduction to Cultural Competence
ETHN-125	Cross-Cultural Psychology
FS-115	Changing American Family
FS-120	Human Development
HED-120	Personal Health and Lifestyles
HED-201	Introduction to Public Health
NUTR-155	Introduction to Nutrition
NUTR-158	Nutrition for Fitness and Sports
NUTR-159	Cultural Aspects of Food and Nutrition
PSYC-C1000	Introduction to Psychology
PSY-125	Cross-Cultural Psychology
PSY-132	Psychology of Health
PSY-134	Human Sexuality
PSY-138	Social Psychology
PSY-140	Physiological Psychology
PSY-150	Developmental Psychology
PSY-170	Abnormal Psychology
PSY-180	Psychology of Interpersonal Skills
PSY-211	Cognitive Psychology
PSY-220	Learning
SOC-120	Introductory Sociology
SOC-125	Marriage, Family, and Alternate Lifestyles
SOC-130	Contemporary Social Problems
SOC-138	Social Psychology
SOC-140	Sex and Gender Across Cultures

General Studies AA - Wellness and Self-Development



To meet the General Studies degree requirements, a student must complete the following:

I. **AA/AS General Education Requirements (see Degree Requirements section of the catalog).**
II. **Choose a minimum of 18 units. Minimum 3 units from Wellness and 3 units from Self Development. A maximum of 3 units of credit allowed for ES/DANC activity courses.**

The remaining units can be taken from either category.

This emphasis is designed to equip students with information and tools for lifelong wellness and self-development as integrated beings. Students will be acquainted with the vast landscape of wellness and self-development, taking into account the psychological, biological,

developmental, physical factors, and they will be able to make effective decisions about optimizing their own wellness, lifestyle, and performance.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate an understanding of nutrition, optimal health/lifestyles and fitness in daily life through informed decision-making.
    2. Describe basic principles of nutrition, personal and/or public health.
    3. Demonstrate sound decision making with respect to personal health and wellness.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Wellness		
BIO-118	Introduction to Human Biology	
COMM-126	Communication Studies: Health and Wellness	
ES-250	Introduction to Kinesiology	
ES-255	Care and Prevention of Athletic and Recreational Injuries	
HED-101	Keys to Successful Weight Control	
HED-105	Health Education for Teachers	
HED-120	Personal Health and Lifestyles	
HED-201	Introduction to Public Health	
NUTR-155	Introduction to Nutrition	
NUTR-158	Nutrition for Fitness and Sports	
NUTR-159	Cultural Aspects of Food and Nutrition	
NUTR-205	The Scientific Principles of Food Preparation	
NUTR-255	Science of Nutrition	
Activity		
DANC-068	Introduction to Dance	
DANC-071A	Studio Workshop in Tap Dance I	
DANC-071B	Studio Workshop in Tap Dance II	
DANC-072A	Studio Workshop in Modern Dance I	
DANC-072B	Studio Workshop in Modern Dance II	
DANC-074A	Studio Workshop in Jazz Dance I	
DANC-074B	Studio Workshop in Jazz Dance II	
DANC-080A	Modern I	
DANC-080B	Modern II	
DANC-080C	Modern III	
DANC-080D	Modern IV	
DANC-081A	Tap I	
DANC-081B	Tap II	
DANC-081C	Tap III	
DANC-081D	Tap IV	
DANC-082A	Social and Ballroom Dance I	
DANC-082B	Social and Ballroom Dance II	
DANC-083A	Latin American Dance I	
DANC-083B	Latin American Dance II	
DANC-084A	Jazz I	
DANC-084B	Jazz II	
DANC-084C	Jazz III	
DANC-084D	Jazz IV	
DANC-088A	Ballet I	
DANC-088B	Ballet II	
DANC-088C	Ballet III	
DANC-088D	Ballet IV	
DANC-094A	Hip Hop I	
DANC-094B	Hip Hop II	
DANC-094C	Hip Hop III	
DANC-094D	Hip Hop IV	
DANC-099A	Studio Workshop in Pointe I	
DANC-099B	Studio Workshop in Pointe II	
DANC-099C	Studio Workshop in Pointe III	
DANC-118A	Pilates I	
DANC-118B	Pilates II	
DANC-118C	Pilates III	
DANC-118D	Pilates IV	
Activity		
ES-001	Adapted Physical Exercise	
ES-002	Advanced Adapted Physical Exercise	
ES-003	Adaptive Aerobic Fitness	
ES-004A	Beginning Fitness for the Newcomer	
ES-004B	Intermediate Fitness for the Newcomer	
ES-004C	Advanced Fitness for the Newcomer	
ES-005A	Beginning Cardio Fitness and Resistance Training	
ES-005B	Intermediate Cardio Fitness and Resistance Training	
ES-005C	Advanced Cardio Fitness and Resistance Training	
ES-006A	Beginning Fitness Circuit	
ES-006B	Intermediate Fitness Circuit	
ES-006C	Advanced Fitness Circuit	
ES-007A	Beginning Aerobic Walking for Fitness and Wellness	
ES-007B	Intermediate Aerobic Walking for Fitness and Wellness	
ES-007C	Advanced Aerobic Walking for Fitness and Wellness	
ES-008A	Beginning Indoor Cycling	
ES-008B	Intermediate Indoor Cycling	
ES-008C	Advanced Indoor Cycling	
ES-009A	Beginning Aerobic Dance Exercise	
ES-009B	Intermediate Aerobic Dance Exercise	
ES-009C	Advanced Aerobic Dance Exercise	
ES-016A	Beginning Trail Running	
ES-016B	Intermediate Trail Running	
ES-016C	Advanced Trail Running	
ES-017A	Beginning Trail Hiking	
ES-017B	Intermediate Trail Hiking	
ES-017C	Advanced Trail Hiking	

ES-021A	Beginning Fitness for Chronic Disease And Injury Prevention
ES-021B	Intermediate Fitness for Chronic Disease And Injury Prevention
ES-021C	Advanced Fitness for Chronic Disease and Injury Prevention
ES-022	Total Body Conditioning
ES-023A	Beginning Resistance Training
ES-023B	Intermediate Resistance Training
ES-023C	Advanced Resistance Training
ES-024A	Beginning Fitness Boot Camp
ES-024B	Intermediate Fitness Boot Camp
ES-024C	Advanced Fitness Boot Camp
ES-026	Stress Reduction Through Movement and Mindfulness
ES-027A	Beginning T'ai Chi Ch'uan
ES-027B	Intermediate T'ai Chi Ch'uan
ES-027C	Advanced T'ai Chi Ch'uan
ES-028A	Beginning Yoga
ES-028B	Intermediate Yoga
ES-028C	Advanced Yoga
ES-029	Adapted Yoga
ES-030	Adaptive Aquatic Sports Education
ES-035	Adapted Swimming Limited
ES-037A	Beginning Springboard Diving
ES-037B	Intermediate Springboard Diving
ES-037C	Advanced Springboard Diving
ES-039	Swimming for Nonswimmers
ES-040A	Beginning Aquatic Fitness
ES-040B	Intermediate Aquatic Fitness
ES-040C	Advanced Aquatic Fitness
ES-041	Adapted Water Aerobics
ES-043A	Beginning Swimming
ES-043B	Intermediate Swimming
ES-043C	Advanced Swimming
ES-044A	Beginning Lap Swimming for Health and Fitness
ES-044B	Intermediate Lap Swimming for Health and Fitness
ES-044C	Advanced Lap Swimming for Health and Fitness
ES-060A	Beginning Badminton
ES-060B	Intermediate Badminton
ES-060C	Advanced Badminton
ES-061A	Beginning Pickleball
ES-061B	Intermediate Pickleball
ES-061C	Advanced Pickleball
ES-076A	Beginning Tennis
ES-076B	Intermediate Tennis
ES-076C	Advanced Tennis
ES-125A	Beginning Golf
ES-125B	Intermediate Golf
ES-125C	Advanced Golf
ES-130A	Beginning Gymnastics
ES-130B	Intermediate Gymnastics
ES-130C	Advanced Gymnastics
ES-155A	Beginning Basketball
ES-155B	Intermediate Basketball
ES-155C	Advanced Basketball
ES-170A	Beginning Soccer
ES-170B	Intermediate Soccer
ES-170C	Advanced Soccer
ES-171A	Beginning Softball
ES-171B	Intermediate Softball
ES-171C	Advanced Softball
ES-172A	Beginning Baseball
ES-172B	Intermediate Baseball
ES-172C	Advanced Baseball
ES-175A	Beginning Volleyball
ES-175B	Intermediate Volleyball
ES-175C	Advanced Volleyball
ES-176A	Beginning Beach Volleyball
ES-176B	Intermediate Beach Volleyball
ES-176C	Advanced Beach Volleyball
ES-180	Self-Defense for Women
ES-185A	Beginning Fencing
ES-185B	Intermediate Fencing
ES-185C	Advanced Fencing

Self-Development

BIO-112	Contemporary Issues in Environmental Resources	3
BUS-195	Principles of Money Management for Success	3
CD-125	Child Growth and Development	3
CD-153	Teaching in a Diverse Society	3
CHEM-110	Environmental Chemistry	3
COMM-128	Global Communication	3
COUN-104	Introduction to College Success Strategies	1
COUN-110	Career Decision Making	1
COUN-120	College and Career Success	3
COUN-130	Study Skills and Time Management	1
ENGL-219	Death and Dying in Literature	3
ETHN-115	Introduction to Cultural Competence	3
FS-110	Life Management	3
FS-120	Human Development	3
FS-129	Introduction to Human Aging	3
LIR-110	Research Methods in an Online World	1
PSY-132	Psychology of Health	3
PSY-134	Human Sexuality	3
PSY-140	Physiological Psychology	3
PSY-150	Developmental Psychology	3
PSY-180	Psychology of Interpersonal Skills	3
PSY-220	Learning	3
SOC-125	Marriage, Family, and Alternate Lifestyles	3

General Studies AS - Science and Quantitative Reasoning

To meet the General Studies degree requirements, a student must complete the following:

I. **AA/AS General Education Requirements (see Degree Requirements section of the catalog).**
II. **Choose a minimum of 18 units. Minimum 3 units from Science and 3 units from Analytical Thinking and Quantitative Reasoning.**

The remaining units can be taken from either category.

This emphasis is intended to involve inquiry into the physical universe and its life forms with consideration of facts and principles which form the foundations of living and non-living systems. Students will explore scientific methodologies as investigative tools, the acquisition and use of evidence, and the past and present influences of science on world civilizations. Understanding and analysis of basic mathematical and quantitative reasoning including analytical thinking concepts will be explored.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Solve problems using fundamentals of mathematics, natural and/or computer science.
2. Utilize mathematical skills to analyze data and/or solve problems.
3. Analyze basic concepts of physical and biological science to evaluate scientific information and solve scientific problems.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Science		
ANTH-130	Introduction to Biological Anthropology	
ANTH-131	Biological Anthropology Laboratory	
ASTR-110	Descriptive Astronomy	
ASTR-112	General Astronomy Laboratory	
ASTR-120	Exploration of the Solar System	
BIO-105	Marine Biology	
BIO-110	Environmental Biology	
BIO-112	Contemporary Issues in Environmental Resources	
BIO-114	Heredity, Evolution and Society	
BIO-118	Introduction to Human Biology	
BIO-120	Principles of Biology	
BIO-140	Human Anatomy	
BIO-141	Human Physiology	
BIO-141L	Laboratory in Human Physiology	
BIO-144	Anatomy and Physiology I	
BIO-145	Anatomy and Physiology II	
BIO-150	Field Study of the Natural History of the Greater San Diego Region	
BIO-152	Paramedical Microbiology	
BIO-230	Principles of Cellular, Molecular and Evolutionary Biology	
BIO-240	Principles of Ecology, Evolution and Organismal Biology	
CHEM-102	Introduction to General, Organic and Biological Chemistry	
CHEM-110	Environmental Chemistry	
CHEM-113	Forensic Chemistry	
CHEM-115	Fundamentals of Chemistry	
CHEM-116	Introductory Organic and Biochemistry	
CHEM-117	Introductory Biochemistry	
CHEM-120	Preparation for General Chemistry	
CHEM-141	General Chemistry I	
CHEM-142	General Chemistry II	
CHEM-231	Organic Chemistry I	
CHEM-232	Organic Chemistry II	
GEOG-120	Physical Geography: Earth Systems	
GEOG-121	Physical Geography: Earth Systems Laboratory	
GEOG-140	Meteorology: Weather and Climate	
GEOG-150	Field Study of the Natural History of the Greater San Diego Region	
GEOL-104	Earth Science	
GEOL-110	Planet Earth	
GEOL-111	Planet Earth Laboratory	
GEOL-121	Earth History	
GEOL-150	Field Study of the Natural History of the Greater San Diego Region	
GEOL-210	Geology of California	
GEOL-220	Geology of the National Parks	
GEOL-230	Natural Disasters	
OCEA-112	Introduction to Oceanography	
OCEA-113	Oceanography Laboratory	
OCEA-150	Field Study of the Natural History of the Greater San Diego Region	
PSC-100	Physical Science for Elementary Education	
PSC-110	Introduction to the Physical Sciences	
PSC-111	Introduction to Physical Sciences Laboratory	
PHYC-110	Introductory Physics	
PHYC-130	Fundamentals of Physics	
PHYC-131	Fundamentals of Physics	
PHYC-201	Mechanics and Waves	
PHYC-202	Electricity, Magnetism, and Heat	
PHYC-203	Light, Optics, and Modern Physics	
SCI-110	Introduction to Scientific Thought	
Analytical Thinking and Quantitative Reasoning		
ANTH-215	Statistics for the Behavioral Sciences	
BIO-215	Statistics for Life Sciences	
CSIS-119	Introduction to Computer Programming	
CSIS-165	Assembly Language and Machine Architecture	
CSIS-240	Discrete Structures	
CSIS-250	Introduction to Python Programming	
CSIS-251	Intermediate Python Programming and Fundamental Data Structures	

CSIS-255	Introduction to Programmable Logic Controllers
CSIS-293	Introduction to Java Programming
CSIS-294	Intermediate Java Programming and Fundamental Data Structures
CSIS-296	Introduction to C++ Programming
CSIS-297	Intermediate C++ Programming
ECON-215	Statistics for Business and Economics
GEOG-104	Introduction to Geographic Information Science
MATH-120	Quantitative Reasoning
MATH-125	Structure and Concepts of Elementary Mathematics I
MATH-126	Structure and Concepts of Elementary Mathematics II
STAT-C1000	Introduction to Statistics
MATH-170	Analytic Trigonometry
MATH-175	College Algebra
MATH-176	Precalculus: Functions and Graphs
MATH-178	Calculus for Business, Social and Behavioral Sciences
MATH-180	Analytic Geometry and Calculus I
MATH-245	Discrete Mathematics
MATH-280	Analytic Geometry and Calculus II
MATH-281	Multivariable Calculus
MATH-284	Linear Algebra
MATH-285	Differential Equations
PHIL-125	Critical Thinking and Philosophical Composition
PHIL-130	Logic
PSC-120	Fundamentals of Scientific Computing (MATLAB)
PSY-215	Statistics for the Behavioral Sciences
SOC-215	Statistics for the Behavioral Sciences

Geographic Information Systems Literacy Certificate of Proficiency



Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. This certificate will not appear on a student's transcript.

The GIS Literacy certificate would provide an entry-level employment opportunity for the completer that finishes the course below. The skills covered in this certificate are aimed at a student preparing for a broad range of careers, including government or private sector work, that can be enhanced with geospatial technology skills learned in this course. Students will gain familiarity using with the latest industry standard GIS software that will enable them to analyze, interpret and manipulate spatial information for problem solving applied to real world situations. Many entry level positions are available for someone who has skills in geospatial technologies.

Note: Course must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
GEOG-104	Introduction to Geographic Information Science	3
Total Units		**3**

Geography Associate in Science



Geography is the study of spatial aspects of the physical environment, human activities and landscapes, and the nature of their interactions. Geographers draw upon theories from both the physical and social sciences. As physical scientists, they study the processes and resulting features of the earth's surface, such as vegetation, climate, soils, landforms, and resources. As social scientists, geographers explore such topics as the arrangement of societies on the earth's surface, land use patterns, urbanization, resources and energy usage, and environmental conservation. Therefore, geography includes a wide range and variety of academic disciplines in both the physical and social sciences. It is truly an integrating discipline.

The associate degree program with a major in geography will prepare students to transfer to four-year institutions where they can complete baccalaureate degrees in geography and other disciplines. It is recommended, however, that students consult the catalog of the transfer institution for specific requirements. Many university geography graduates enter teaching professions at all levels. Multiple federal, city, county and state governments, as well as private companies, hire geographers in the fields of resource management, geographic information systems, urban planning, and environmental planning because of their broad training. For example, the U.S. Geologic Survey traditionally hires geographers in map making, air photo interpretation, satellite image analysis, and land use mapping.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Aerial Photograph Interpreter
Computer Mapping (G.I.S.)[1]
Demographer[1]
Ecologist[1]
Environmental Analyst[1]
Geographer[1]
Land Planner[1]
Meteorologist[1]
Satellite Image Processor[1]
Site Planner[1]
Spatial Analyst[1]
Surveyor
Teacher/Professor[1]
Water Resources Manager[1]

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Apply the scientific method.
    2. Demonstrate spatial literacy.
    3. Analyze spatial information and patterns.
    4. Evaluate relationships between humans and the environment.
    5. Employ geoscience technology for spatial data management.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
GEOG-104	Introduction to Geographic Information Science	3
GEOG-120	Physical Geography: Earth Systems	3
GEOG-121	Physical Geography: Earth Systems Laboratory	1
GEOG-130	Human Geography: The Cultural Landscape	3
GEOG-140	Meteorology: Weather and Climate	3
GEOG-150	Field Study of the Natural History of the Greater San Diego Region	3
GEOG-170	The Geography of California	3
GEOL-110	Planet Earth	3
Total Units		**22**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Recommended Electives

Code	Title	Units
GEOG-172	Field Exploration: Colorado Plateau	3
GEOG-173	Field Exploration: Cascade Range/Modoc Plateau	3
GEOG-174	Field Exploration: Basin and Range Province	3
GEOG-175	Field Exploration: California Coastal Mountains	3
GEOG-176	Field Exploration: Sierra Nevada	3
STAT-C1000	Introduction to Statistics	4
Three semesters of a foreign language or high school equivalent		15

Associate Degree for Transfer℠

Geography for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Geography for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

Geography is the science of "where". The study of location is related to everything. Geography examines features and activities of the physical environment, human activities and landscapes, and the interactions and relationships between them. As such, Geographers draw upon theories from both the physical and social sciences. As physical scientists, Geographers study where processes, features and characteristics within Earth systems are distributed such as climate, earthquakes, ecosystems, landforms, hydrology, weather, and more — revealing the significance of place. As social scientists, Geographers study the distribution of societies, languages, cultures, land-use patterns, urbanization and globalization, resources such as energy and water, global issues, and environmental conservation. Geographers help society (industries, economies, environmental and sustainability efforts, urban planning, humanitarian efforts, etc.) see the bigger picture of how things are interrelated that contributes to the development of a better understanding of how to more sustainably live and interact with our planet.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Apply the scientific method.
    2. Demonstrate spatial literacy.
    3. Analyze spatial information and patterns.
    4. Evaluate relationships between humans and the environment.
    5. Employ geoscience technology for spatial data management.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
GEOG-120	Physical Geography: Earth Systems	3
GEOG-121	Physical Geography: Earth Systems Laboratory	1
GEOG-130	Human Geography: The Cultural Landscape	3
List A		
GEOG-104	Introduction to Geographic Information Science	3
GEOG-170	The Geography of California	3
List B		
GEOG-140	Meteorology: Weather and Climate	3
GEOG-150	Field Study of the Natural History of the Greater San Diego Region	3
Units for the major		**19**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Geology Associate in Science



Geology is the scientific study of the planet earth. Geologists study the origin and evolution of the earth and various life forms, the composition of the earth, its structures, and the many processes which modify the earth's crust. Geology is an interdisciplinary science with many applied aspects including: the study of natural resources such as water, petroleum, and minerals; the mitigation of earth's hazards such as earthquakes, landslides, and volcanoes; and land use planning. Students who are curious about our planet and its environment, and want to meet the challenges presented by the interaction of humans with the earth should consider geology as a major.

The curriculum leads to the Associate in Science degree in Geology and will prepare students for upper division coursework at a baccalaureate institution. However, it is recommended that students consult the catalog of the transfer institution for specific course requirements.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Engineering Geologist[1]
Environmental Geologist[1]
Geochemist[1]
Geology Assistant
Geophysicist[1]
Hydrogeologist[1]
Marine Geologist[1]
Mineralogist[1]
Oceanographer[1]
Paleobotanist / Paleontologist[1]
Petroleum Geologist[1]
Petrologist[1]
Seismologist[1]
Soils Technician
Teacher / Professor[1]
Volcanologist[1]
Waste Management Geologist[1]

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Recognize and explain the role of fundamental geologic principles, such as plate tectonic theory and deep time, in the interpretation of observed geologic phenomena.
2. Research, evaluate, and cite scientific information in order to formulate coherent summaries of earth processes.
3. Define the scientific method and apply it to observed geologic phenomena.
4. Interpret geologic processes using underlying chemical properties and physical laws.
5. Measure, manipulate, and interpret scientific data.

Code	Title	Units
CHEM-141	General Chemistry I	5
CHEM-142	General Chemistry II	5
GEOL-110	Planet Earth	3
GEOL-111	Planet Earth Laboratory	1
GEOL-121	Earth History	4
MATH-180	Analytic Geometry and Calculus I	5
Select two of the following:		8-10
BIO-120	Principles of Biology	
MATH-280	Analytic Geometry and Calculus II	
PHYC-201	Mechanics and Waves	
PHYC-202	Electricity, Magnetism, and Heat	
Select a minimum of six units from the following:		6
GEOG-104	Introduction to Geographic Information Science	
ASTR-110	Descriptive Astronomy	
GEOG-120	Physical Geography: Earth Systems	
GEOG-140	Meteorology: Weather and Climate	
GEOL-150	Field Study of the Natural History of the Greater San Diego Region	
GEOL-162	Geologic Field Studies: Southern California Mountain Areas	
GEOL-163	Geologic Field Studies: Mojave Desert and Adjacent Areas	
GEOL-164	Geologic Field Studies: Southern California Coastal Areas	
GEOL-165	Geologic Field Studies: Colorado Desert/ Salton Trough Area	
GEOL-172	Field Exploration: Colorado Plateau	
GEOL-173	Field Exploration: Cascade Range/Modoc Plateau	

GEOL-174	Field Exploration: Basin and Range Province	
GEOL-175	Field Exploration: California Coastal Mountains	
GEOL-176	Field Exploration: Sierra Nevada	
GEOL-210	Geology of California	
GEOL-220	Geology of the National Parks	
GEOL-230	Natural Disasters	
OCEA-112	Introduction to Oceanography	
OCEA-113	Oceanography Laboratory	
Total Units		**37-39**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Associate Degree for Transfer℠

Geology for Transfer (AS-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Science in Geology for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

Geology is the scientific study of planet Earth. Geologists study the origin and evolution of Earth, its composition and structure, and the many processes that modify Earth's crust. Geology is an interdisciplinary science with many applied aspects including: the study of natural resources such as water, petroleum, and minerals; the mitigation of Earth's hazards such as earthquakes, landslides, and volcanoes; and land use planning. Students who are curious about our planet and its environment, and want to meet the challenges presented by the interaction of humans with Earth should consider geology as a major.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Recognize and explain the role of fundamental geologic principles, such as the Theory of Plate Tectonics and deep time, in the interpretation of observed geologic phenomena.
    2. Research, evaluate, and cite scientific information in order to formulate coherent summaries of Earth processes.
    3. Define the scientific method and apply it to observed geologic phenomena.
    4. Interpret geologic processes using underlying chemical properties and physical laws. Measure, manipulate, and interpret scientific data.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
GEOL-110	Planet Earth	3
GEOL-111	Planet Earth Laboratory	1
GEOL-121	Earth History	4
CHEM-141	General Chemistry I	5
CHEM-142	General Chemistry II	5
MATH-180	Analytic Geometry and Calculus I	5
MATH-280	Analytic Geometry and Calculus II	4
Units for the major		**27**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

German Associate in Arts and Certificate of Achievement

This program is designed to provide students with skills in understanding, speaking, reading, and writing German. It also gives students a greater understanding of German culture and civilization and prepares them for greater international and domestic career opportunities.

For the suggested sequence of courses to be taken, and/or for assistance in transferring to a four-year institution, students should consult the Counseling Center or the Department of Foreign Languages.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Diplomatic Officer[1]
Foreign Correspondent[1]
Foreign Exchange Clerk
Foreign Service Officer
Intelligence Specialist[1]

Interpreter / Translator[1]
Immigration Inspector
Journalist[1]
Teacher/Professor[1]
Public Relations Specialist[1]

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Utilize more complex vocabulary and grammatical structures to communicate and discuss hypothetical situations dealing with nature, city, life, health, and well-being, professions and occupations, the arts, current events, and politics.
2. Utilize more complex vocabulary and grammatical structures to write about situations dealing with nature, city, life, health and well-being, professions, and the arts, current events, and politics.
3. Use language and vocabulary skills developed in class to read, analyze, and interpret authentic texts.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
GERM-120	German I	5
GERM-121	German II	5
GERM-220	German III	5
GERM-221	German IV	5
GERM-250	Conversational German I	3
GERM-251	Conversational German II	3
HIST-106	Modern Western Civilization	3
or HUM-120	European Humanities	
Total Units		**29**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who wishes to complete only the requirements listed above qualifies for a Certificate of Achievement in German. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Global Awareness and Appreciation Certificate of Proficiency

Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. This certificate will not appear on a student's transcript.

This certificate accompanies the successful completion of the courses listed below. It certifies that the student has successfully completed background courses providing a global cultural background as well as current globalizing trends, processes and issues. It prepares a student to effectively work in our 21st century global environment. This certificate addresses the increased demand for a globally competent public and workforce.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
GEOG-130	Human Geography: The Cultural Landscape	3
GEOG-100	Introduction to Global Studies	3
or GEOG-101	Global Issues	
Total Units		**6**

Associate Degree for Transfer℠

Global Studies for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Global Studies for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

Global Studies is a multi- and interdisciplinary program designed to increase knowledge and understanding of the processes of globalization and their impacts on societies, cultures, and environments around the world. The Global Studies program provides the student with knowledge of critical issues that affect their lives and community, as well as the affairs of other cultures, societies, and nations. An understanding of the world's social, political, economic, and natural systems and their increasing interdependence, along with an appreciation of the diversity of human culture, will supply the student with a strong background for working in a global economy, for living in a multicultural society, and for making intelligent decisions as global citizens.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Recognize the interdependence and interconnectedness of elements of the physical, social, political, and cultural environments that comprise the human landscape.
    2. Recognize and analyze historical and emerging trends in globalization along with their global, national, regional, and local consequences.
    3. Identify and explain recurring, emerging, and contemporary global issues and the significance of their geographical distribution.
    4. Utilize multi-disciplinary knowledge to develop perspectives that promote global citizenry.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
GEOG-100	Introduction to Global Studies	3
GEOG-101	Global Issues	3
List A		
Select five (5) courses from at least four (4) of the following areas:		15-19
Area 1: Culture and Society		
ANTH-120	Cultural Anthropology	
HIST-101	Modern World History	
Area 2: Geography		
GEOG-106	World Regional Geography	
GEOG-120	Physical Geography: Earth Systems	
GEOG-130	Human Geography: The Cultural Landscape	
Area 3: Economics		
ECON-120	Principles of Macroeconomics	
ECON-121	Principles of Microeconomics	
Area 4: Politics		
POSC-124	Introduction to Comparative Government and Politics	
POSC-130	Introduction to International Relations	
Area 5: Humanities		
HIST-100	Early World History	
SPAN-220	Spanish III	
SPAN-221	Spanish IV	
Units for the major		**21-25**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Global Trade Operations, Supply Chain Management Certificate of Achievement

The Global Trade Operations Certificate of Achievement is an introductory-level program designed to build a foundational understanding of global trade operations. It will benefit students in the exposure to real life transactions in planning and executing international trade. Essential components of the curriculum include critical roles that importing, global marketing and exporting, logistics, and supply chain management play in contemporary global business. A leadership component is part of the certificate wherein the student gains knowledge and skills, equipping them to problem define and problem solve in international and global contexts.

Certificate of Achievement Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BUS-259	Introduction to Global Trade Operations	3
BUS-260	"Global Trade Operations, Logistics"	3
BUS-261	"Global Trade Operations, Supply Chain Management"	3
BUS-262	"Global Trade Operations, Import Procedures"	3
BUS-263	Global Trade Operations, Marketing & Export Procedures	3
BUS-264	Global Leadership	3
Total Units		**18**

Associate Degree for Transfer℠

History for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in History for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

History is the study of the human past. As a discipline, history remains a chief foundation within the humanities and social sciences. Its broad

and interdisciplinary approach offers many theoretical and practical applications for interpreting and understanding human society. The study of history emphasizes reading, writing, critical thinking, research, thesis formulation, and debate. The history major prepares students to transfer to a four-year institution for continued and advanced study in the field of history or its related disciplines. In turn, a major in history provides knowledge and training for planning careers in history, education, law, archival work, historic sites and museums, library studies, journalism, research, documentary filmmaking, government, non-profit organizations, record and information management.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Analyze primary and secondary sources and explain how they support a thesis statement.
    2. Explain relationships between the causes of historical events and their effects.
    3. Describe a relevant individual involved in an historical event and explain his/her significance in this event.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
HIST-108	Early American History	3
HIST-109	Modern American History	3
List A		
Select two of the following:		6
HIST-100	Early World History	
or HIST-105	Early Western Civilization	
HIST-101	Modern World History	
or HIST-106	Modern Western Civilization	
List B		
Select one (1) course from Group B1 and one (1) course from Group B2		6
B1		
HIST-103	Twentieth Century World History	
HIST-114	Comparative History of the Early Americas	
HIST-115	Comparative History of the Modern Americas	
HIST-118	U.S. History: Chicano/Chicana Perspectives I	
or ETHN-118	U.S. History: Chicano/Chicana Perspectives I	
HIST-119	U.S. History: Chicano/Chicana Perspectives II	
or ETHN-119	U.S. History: Chicano/Chicana Perspective II	
HIST-122	Women in Early American History	
HIST-123	Women in Modern American History	
HIST-130	U.S. History and Cultures: Native American Perspectives I	
or ETHN-130	U.S. History and Cultures: Native American Perspectives I	
HIST-131	U.S. History and Cultures: Native American Perspectives II	
or ETHN-131	U.S. History and Cultures: Native American Perspectives II	
HIST-137	History of East Asia	
HIST-148	Modern Middle East History	
HIST-154	Early History of Women in World Civilization	
or GEND-154	Early History of Women in World Civilization	
HIST-155	Modern History of Women in World Civilization	
or GEND-155	Modern History of Women in World Civilization	
HIST-180	U.S. History: Black Perspectives I	
or ETHN-180	U.S. History: Black Perspectives I	
HIST-181	U.S. History: Black Perspectives II	
or ETHN-181	U.S. History: Black Perspectives II	
or if not selected above:		
HIST-100	Early World History	
or HIST-101	Modern World History	
Group B2		
Select one (1) course not already used in the Required Core or List A		
HIST-113	American Military History	
HIST-124	History of California	
HIST-126	History of Mexico	
HIST-135	Ancient History of Western Civilization	
HIST-136	Survey of Medieval History	
Units for the major		**18**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Hospitality and Tourism Management Associate in Science and Certificate of Achievement



The Hospitality and Tourism Management major provides students with a solid undergraduate program emphasizing basic business management principles and their specific application to the hospitality and tourism

industry. Students completing the program are prepared to transfer to a Bachelor of Science program at a four-year institution.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Airline Reservation Agent
Executive Housekeeper
Flight Attendant [1]
Front Office Manager [1]
Golf / Country Club Manager [2]
Hotel Manager / Supplier [2]
Public Relations Specialist [2]
Restaurant Manager [2]

[1] Bachelor's Degree normally recommended.
[2] Bachelor's Degree or higher required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Identify the many market segments of the tourism and hospitality industry and discuss the key management issues related to the industry.
    2. Apply best business management practices in ethical decision making in the hospitality and tourism industry workplace.
    3. Describe and apply total quality management principles in the hospitality and tourism industry situations.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BUS-120	Financial Accounting	4
BUS-128	Business Communication	3
BUS-158	Introduction to Hospitality and Tourism Management	3
BUS-160	Hospitality Managerial Accounting and Controls	3
BUS-166	Hospitality and Tourism Law	3
CSIS-110	Principles of Information Systems	4
ECON-120	Principles of Macroeconomics	3
ECON-121	Principles of Microeconomics	3
MATH-178	Calculus for Business, Social and Behavioral Sciences	4
STAT-C1000	Introduction to Statistics	4
Total Units		**34**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Hospitality Management. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Humanities Associate in Arts

The study of Humanities provides students with wide-ranging exposure to present and past human cultures through formal analysis and historic contextualization of the written word, the artifact, and contemporary media. The program examines both Western and non-Western traditions in areas including, but not limited to, theater, the visual arts, photography, film, architecture, archaeology, science and technology, literature, philosophy, religion, and music. The degree exposes students to a breadth of skills and knowledge beneficial for a continuing education in the liberal arts while providing a foundation for lifelong learning through critical thinking and personal expression in both written and oral communication. The knowledge and skills imparted by the degree prepare students to complement further study within such fields as the arts, history, humanities, literature, communication, languages, English, music, religious studies, law, public service, business, diplomacy, and politics.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Display competent levels of reading, writing, thinking, and communicating about the Humanities at a college level, or above.

Code	Title	Units
HUM-110	Principles of the Humanities	3
HUM-120	European Humanities	3
HUM-170	Modern World Humanities	3
Select two of the following:		6
HUM-125	Women and Western Culture	
HUM-130	East Asian Humanities	
HUM-135	Blues as Literature, History, and Culture	
HUM-140	Humanities of the Americas	
HUM-160	Humanities of the Future	
Select three of the following:		9
ANTH-120	Cultural Anthropology	
ANTH-130	Introduction to Biological Anthropology	
ART-140	Survey of Western Art I: Prehistory Through Middle Ages	
ART-141	Survey of Western Art II: Renaissance Through Modern	
ART-142	Art of Africa, Oceania and the Americas	
ART-143	Modern Art	
ART-145	Contemporary Art	
ART-146	Asian Art	
ART-147	American Art	
ENGL-221	British Literature I	
ENGL-231	American Literature I	
ETHN-134	Introduction to American Indian Art	
GEOG-130	Human Geography: The Cultural Landscape	

MUS-116	Introduction to World Music	
PHOT-154	History of Photography	
PSY-138	Social Psychology	
or SOC-138	Social Psychology	
Total Units		**24**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Information Technology Support Specialist Associate in Science and Certificate of Achievement

The Computer Science Information Systems curricula provides a foundation in computing and information systems serving the diverse goals of the Grossmont community: employment in various phases of the computing industry, transfer to a baccalaureate institution for continued study in the computer and information sciences, training in selected topics for application in other professions or for personal enrichment, and advanced study for returning computing professionals. Throughout, emphasis is placed on blending fundamental theory and technique with practical applications in business, scientific and academic computing. A guiding principle is the use of intense hands-on instruction with state-of-the-art computer technology.

Five related but distinct areas of emphasis designed to provide corresponding job entry points are available as two-year curricula: Computer Programming, Web Design and Software Engineering. Completion of the Computer Science Information Systems core courses or their equivalent plus any one area of emphasis satisfies the major requirements for the Associate Degree.

The Information Technology Support Specialist degree will provide a student with sufficient skills to obtain a position in industry as an Information Technology Support Specialist. The skills to be gained with this degree include familiarity with the most popular desktop computer operating systems as well as hands-on experience with the associated hardware, networking, and web development software. An official request from the student must be filed with the Admissions and Records Office prior to the deadline stated in the yearly calendar listed in the class schedule and catalog.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Computer Support Specialist
Communications Technician
Computer Maintenance Technician
Computer Systems Analysts[1]
Database Administrators[1]
Information Specialist[1]
LAN (Local Area Network) Administrator
Network Systems & Data Communication Analysts
Office Administrators
Programmer
Software Engineers[1]
Software Technician
Systems Analyst[1]
Technical Support Representative

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

Students will perform computer end user support including identifying and implementing solutions to user requests.

1. Upon successful completion of this program, students will be able to:
    1. Analyze and evaluate a computer-related situation in a business and/or scientific environment to identify a potential problem.
    2. Design a technologically feasible and efficient solution.
    3. Construct and complete the solution.
    4. Demonstrate and explain the solution.

Similar Course List

The following Grossmont and Cuyamaca College courses are considered similar enough to be accepted in the major for local Computer Science degrees in the district. No Modification of Major forms are required at either campus.

Grossmont Course	Similar Cuyamaca Course
CSIS-110	CIS-110
CSIS-112	CIS-190
CSIS-113	CIS-191
CSIS-119	CS-119
CSIS-120	CIS-120
CSIS-125	CIS-125
CSIS-130	CIS-290
CSIS-132	CIS-211
CSIS-133	CIS-213
CSIS-135	CIS-215
CSIS-180	CIS-140
CSIS-213	CIS-291
CSIS-230	CIS-290
CSIS-263	CIS-263
CSIS-264	CIS-264
CSIS-265	CIS-265
CSIS-293	CS-182
CSIS-294	CS-282
CSIS-296	CS-181
CSIS-297	CS-281

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CSIS-110	Principles of Information Systems	4
CSIS-112	Windows Operating System	3

CSIS-113	Introduction to Linux	3
CSIS-120	Computer Maintenance and A+ Certification	3
CSIS-125	Network + Certification	3
CSIS-132	Introduction to Web Development	3
Plus General Education and Elective Requirements (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		
Total Units		**19**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificates of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Information Technology Support Specialist. An official request must be filed with the Admissions and Records Office prior to the deadline stated in the Academic Calendar

Information Technology Technician Certificate of Proficiency



This certificate prepares a student with the basic skills to enter a position in industry as an Information Technology Technician. The skills to be gained with this certificate include familiarity with the two most popular desktop computer operating systems as well as with hands-on experience with the associated hardware.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CSIS-112	Windows Operating System	3
CSIS-113	Introduction to Linux	3
CSIS-120	Computer Maintenance and A+ Certification	3
CSIS-125	Network + Certification	3
Total Units		**12**

Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. This certificate will not appear on a student's transcript.

Insurance Services Certificate of Proficiency



Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. This certificate will not appear on a student's transcript.

The Insurance Services Certificate of Proficiency provides students with the skills necessary to gain employment in a variety of insurance office environments. Students may choose to begin a career or update existing skills. Students successfully completing the certificate will be qualified for mid-level positions at both the company and agency level.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BUS-233	Personal Insurance	3
BUS-234	Commercial Insurance	3
BUS-235	Delivering Insurance Services	3
Total Units		**9**

Interfaith Religious Literacy Certificate of Achievement



The Interfaith Religious Literacy Certificate provides student an in-depth understanding of religion and how it influences individuals, cultures, and societies. It also introduces students to the beliefs, texts and practices of the major world religious traditions. This certificate will prepare students to work closely with religiously diverse populations, especially those planning to enter careers in education, healthcare, social work, politics, HR, hospitality/tourism, business or international relations.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Gain an understanding of what religion is and how it influences individuals, societies, cultures and political systems.
    2. Gain a basic understanding of the beliefs, texts and practices of the major religious traditions of the world.
    3. Be prepared to work in careers that require working with a religiously diverse population, such as education, healthcare, politics, business, social work or international relations.
    4. Gain a sensitivity to the particular concerns of religiously diverse societies.

Certificate of Achievement Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
RELG-110	Introduction to the Study of Religion	3
List A		**3**
Select one of the following:		
RELG-120	World Religions	
RELG-130	Scriptures of World Religions	

List B		3
Select one of the following:		
RELG-140	Religion and Culture	
RELG-150	Asian Religions	
RELG-165	Religion and American History	
RELG-170	Introduction to Christianity	
RELG-175	Religion, Government and Politics in America	
Total Units		**9**

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Interfaith Religious Literacy. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

International Business Associate in Science and Certificate of Achievement

The International Business program is designed to prepare students with the background and technology necessary to work in a business engaged in international trade. The curriculum is also of value to the individual who is planning to start his/her own import/export business. Internships in local international trade organizations are an important part of the program.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Broker
Customs Broker
Freight Forwarder
Import-Export Agent
Import-Export Specialist
International Finance & Accounting
International Law
International Planning & Management
International Purchasing & Management

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Compare and contrast different political, legal, and economic systems and technological forces and their impact on international management.
    2. Understand and appreciate the need for ethics and social responsibility in international management, and the growing pressures on firms to act in an ethically and socially responsible manner in their global business operations.
    3. Understand the relationship between national culture and organizational culture, integrate those concepts within the context of international management decision-making, and appreciate the challenges of diversity in them modern work environment.
    4. Integrate and apply the basic elements of international strategic management, including the pressures and cost/benefits of strategies that emphasize global integration versus local adaptation; describe the specialized strategies required for emerging economies and for international new ventures.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BUS-120	Financial Accounting	4
BUS-250	Introduction to International Business	3
BUS-258	The Cultural Dimensions in International Business	3
BUS-259	Introduction to Global Trade Operations	3
BUS-260	"Global Trade Operations, Logistics"	3
BUS-262	"Global Trade Operations, Import Procedures"	3
BUS-263	Global Trade Operations, Marketing & Export Procedures	3
Select three of the following:		7-12
BUS-121	Managerial Accounting	
BUS-140	Entrepreneurship: Developing a Business Plan	
BUS-141	Entrepreneurship: Managing a New Business	
BUS-146	Marketing	
BUS-261	"Global Trade Operations, Supply Chain Management"	
BUS-265A	Internship in International Business	
or BUS-265B	Internship in International Business	
or BUS-265C	Internship in International Business	
or BUS-265D	Internship in International Business	
Or		
BUS-266	Internship in International Business	
Or		
BUS-267	Internship in International Business	
COMM-124	Intercultural Communication	
Or one course in any foreign language		
Total Units		**29-34**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who wishes to complete only the requirements listed above qualifies for a Certificate of Achievement in International Business. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Japanese Associate in Arts



This program is designed to provide students with skills in understanding, speaking, reading, and writing Japanese. It also gives students a greater understanding of Japanese culture and civilization and prepares them for greater international and domestic career opportunities. For the suggested sequence of courses to be taken, and/or for assistance in transferring to a four-year institution, students should consult the Counseling Center or the Department of World Languages.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Advertising
Bilingual Aide
Foreign Correspondent[1]
Foreign Broadcast Specialist[1]
Import-Export Agent
In-Country Representative
Intelligence Specialist
Journalist[1]
Manufacturer's Representative
Sales Person
Scientist Linguist
Teacher / Professor[1]
Translator / Interpreter[1]
Travel Agent
United Nations Guide

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Utilize more complex vocabulary and grammatical structures to communicate and discuss hypothetical situations dealing with nature, city, life, health, and well-being, professions and occupations, the arts, current events, and politics.
2. Utilize more complex vocabulary and grammatical structures to write about situations dealing with nature, city, life, health and well-being, professions, and occupations, the arts, current events, and politics.
3. Use language and vocabulary skills developed in class to read, analyze, and interpret authentic texts.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
JAPN-120	Japanese I	5
JAPN-121	Japanese II	5
JAPN-220	Japanese III	5
JAPN-221	Japanese IV	5
JAPN-250	Conversational Japanese I	3
JAPN-251	Conversational Japanese II	3
JAPN-149	Japanese Culture and Civilization	3
or HIST-137	History of East Asia	
Total Units		**29**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Jewelry Design Certificate of Achievement



This certificate provides students with an in-depth study into the practice and critical discourse of jewelry design. The fundamentals of design and execution of jewelry forms utilizing metal fabrication, forming, casting, and stone setting techniques will be explored. This program provides an intense foundation and practice, conceptual and critical thinking, and technical strategies and execution. Participants can then define their path, whether it be career development or personal enrichment.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Proficiently propose designs that utilize techniques learned in the classes that will communicate the chosen content of the artist and calculate material requirements necessary to implement these designs.
    2. Formulate strategies to form, construct and fabricate designs envisioned and demonstrate skill and craftsmanship in handling metals.
    3. Develop different applications of metal in relationship to other art forms.
    4. Discuss and critically evaluate jewelry and metal objects from both contemporary and historical contexts.

Certificate of Achievement Requirements:

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
ART-124	Drawing I	3
ART-129	Three-Dimensional Design	3
ART-131	Jewelry Design I	3
ART-132	Jewelry Design II	3
ART-133	Metalsmithing & Casting	3
Total Units		**15**

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Jewelry Design. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Associate Degree for Transfer℠

Journalism for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Journalism for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The Associate in Arts in Journalism for Transfer Degree (AA-T) will provide students with the lower division core courses required for bachelor-level study in the discipline. A degree in journalism offers graduates a variety of career paths in such fields as digital and broadcast news, social media, news management, copy editing, digital communications, and public relations. It also serves as an excellent foundation for in fields such as politics, education, management, and information production and dissemination.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Students will employ discipline knowledge and skill sets.
    2. Students will define and execute their knowledge of journalism in multiple media formats.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
MCOM-110	Mass Media and Society	3
MCOM-112	Introduction to Reporting and News Writing	3
MCOM-132A	Student News Production 1	3
List A		
Select one of the following:		3
MCOM-132B	Student News Production 2	
MCOM-212	Multimedia Reporting	
List B		
Select two of the following:		6-7
COMM-137	Critical Thinking in Group Communication	
COMM-145	Argumentation	
ECON-120	Principles of Macroeconomics	
or ECON-121	Principles of Microeconomics	
ENGL-C1001	Critical Thinking and Writing	
MCOM-210	Social Media in the Digital Age	
MCOM-250	Introduction to Representation in the Media	
PHIL-130	Logic	
PHOT-150	Introduction to Photography	
STAT-C1000	Introduction to Statistics	
or ANTH-215	Statistics for the Behavioral Sciences	
or PSY-215	Statistics for the Behavioral Sciences	
or SOC-215	Statistics for the Behavioral Sciences	
Units in the major		**18-19**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Killer Robots, Drugs, and Mirror Molecules: Ethical Decision-Making in a Rapidly Changing World Certificate of Achievement

Students who complete this four-course certificate will gain the knowledge and skills needed to navigate the complex ethical challenges that we encounter in our public, professional, and private lives. Through theoretical study and practical application, students will develop critical moral reasoning skills. Major ethical frameworks, including non-Anglo-American, will be considered, and applied to problematic emergent technologies and trends, such as the cases of killer robots, substance prohibition, and the engineering of mirror molecules. Those who complete this certificate will be well positioned to make informed and ethical decisions, and contribute positively to their communities, families, and workplaces. This certificate is ideal for students pursuing careers in business, health care, technology, education, public service, or any field where ethical leadership and literacy is essential as we rise to meet the many nascent moral dilemmas of our rapidly changing world.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Define standard and non-Western ethical theories, both normative and metaethical.
2. Analytically apply these theories to emergent moral dilemmas, especially in technology and health care.
3. Formulate and evaluate plausible solutions using these theories.

4. Gain the ability to lead with ethical literacy in fields such as business, health care, technology, education, public service, amongst many others.

Note: All courses must be completed with a "C" or higher or "Pass."

Code	Title	Units
PHIL-140	Problems in Ethics	3
Select one of the following:		3
PHIL-141	Bioethics	
or PHIL-142	Ethics of Technology	
Select one of the following:		3
PHIL-145	Social and Political Philosophy	
or PHIL-200	Philosophy of the War on Drugs	
Select one of the following:		3
PHIL-120	Asian and Pacific Philosophies	
or PHIL-160	Latin American Philosophy	
Total Units		**12**

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Associate Degree for Transfer℠

Kinesiology for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Kinesiology for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The Department of Exercise Science and Wellness offers a solid academic foundation for further study in the fields of Exercise Science, Kinesiology and/or Physical Education. The primary emphasis of the Exercise Science and Wellness major program is to prepare students for successful transfer to baccalaureate (four-year) institutions as well as for entry-level jobs within the fitness industry. The course package for majors is modeled on the preparation for major at the California State University Institutions and allows for an emphasis either in Fitness, Nutrition and Health. The package may also satisfy many requirements for most other California State University institutions as well, but students should check the catalog of the school being considered for its specific requirements.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate knowledge, skills and appreciation of Exercise Science principles.
    2. Identify the basic principles for maintaining an active and healthy lifestyle.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
ES-250	Introduction to Kinesiology	3
BIO-140	Human Anatomy	4
BIO-141	Human Physiology	3
BIO-141L	Laboratory in Human Physiology	1
Select a maximum of one (1) course from any three (3) of the following areas for a minimum of three (3) units:		3-4.5
Area 1: Aquatics		
ES-043A	Beginning Swimming	
or ES-043B	Intermediate Swimming	
or ES-043C	Advanced Swimming	
ES-044A	Beginning Lap Swimming for Health and Fitness	
or ES-044B	Intermediate Lap Swimming for Health and Fitness	
Area 2: Combatives		
ES-185A	Beginning Fencing	
or ES-185B	Intermediate Fencing	
or ES-185C	Advanced Fencing	
Area 3: Dance		
DANC-082A	Social and Ballroom Dance I	
or DANC-082B	Social and Ballroom Dance II	
Area 4: Fitness		
ES-005A	Beginning Cardio Fitness and Resistance Training	
or ES-005B	Intermediate Cardio Fitness and Resistance Training	
ES-006A	Beginning Fitness Circuit	
or ES-006B	Intermediate Fitness Circuit	
ES-009A	Beginning Aerobic Dance Exercise	
or ES-009B	Intermediate Aerobic Dance Exercise	
ES-023A	Beginning Resistance Training	
or ES-023B	Intermediate Resistance Training	
Area 5: Individual Sports		
ES-060A	Beginning Badminton	

or ES-060B	Intermediate Badminton	
or ES-060C	Advanced Badminton	
ES-076A	Beginning Tennis	
or ES-076B	Intermediate Tennis	
or ES-076C	Advanced Tennis	
ES-125A	Beginning Golf	
or ES-125B	Intermediate Golf	
or ES-125C	Advanced Golf	
ES-130A	Beginning Gymnastics	
or ES-130B	Intermediate Gymnastics	
or ES-130C	Advanced Gymnastics	
Area 6: Team Sports		
ES-155A	Beginning Basketball	
or ES-155B	Intermediate Basketball	
or ES-155C	Advanced Basketball	
ES-170A	Beginning Soccer	
or ES-170B	Intermediate Soccer	
or ES-170C	Advanced Soccer	
ES-171A	Beginning Softball	
or ES-171B	Intermediate Softball	
or ES-171C	Advanced Softball	
ES-172A	Beginning Baseball	
or ES-172B	Intermediate Baseball	
or ES-172C	Advanced Baseball	
ES-175A	Beginning Volleyball	
or ES-175B	Intermediate Volleyball	
or ES-175C	Advanced Volleyball	
List A		
Select two of the following:		7-9
CHEM-102	Introduction to General, Organic and Biological Chemistry	
or CHEM-141	General Chemistry I	
PSYC-C1000	Introduction to Psychology	
or SOC-120	Introductory Sociology	
STAT-C1000	Introduction to Statistics	
or ANTH-215	Statistics for the Behavioral Sciences	
or PSY-215	Statistics for the Behavioral Sciences	
or SOC-215	Statistics for the Behavioral Sciences	
Units for the major		**21-24.5**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		60

Complete transferable units as needed to reach 60.

Latin American Studies Associate in Arts



The Latin American Studies major is an interdisciplinary program which prepares students to transfer to four-year institutions for continued studies in Latin American Studies, Latin American and Caribbean government, politics, and countries, Hispanic/Latin culture, Mexican American/Latino Studies, Chicano/Chicana Studies. A major in Latin American Studies can lead to degrees in national and state government, public policy, non-government organizations, business, and graduate school.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Think critically about government and Politics in Latin America and the Caribbean.
    2. Identify and asses the role of ideas, culture, history, social norms, interest groups on contemporary Latin American identity and politics.
    3. Analyze the philosophical, and economic foundations of political conflict and violence, economic policy, inequality, and intersectionality in Latin America.
    4. Critically analyze the nature of power in Latin American politics, history, and culture with a focus on institutions and non-institutional actors.

Code	Title	Units
POSC-145	Introduction to Latin American Government and Politics	3
Select four of the following: [1]		12
POSC-124	Introduction to Comparative Government and Politics	
PHIL-160	Latin American Philosophy	
HIST-126	History of Mexico	
HIST-118	U.S. History: Chicano/Chicana Perspectives I	
HIST-119	U.S. History: Chicano/Chicana Perspectives II	
Select one of the following:		3
ANTH-127	Cultures of Latin America	
ENGL-236	Chicana/o Literature	
or ETHN-236	Chicana/o Literature	
ETHN-126	Chicano/Chicana and Mexican Art	
Total Units		**18**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

[1] After consultation with a member of the political science faculty and a counselor because of differences in transfer requirements at various four-year institutions.

Recommended Electives

Students planning to complete a baccalaureate degree in political science are **strongly** advised to consult with a faculty advisor in political science at Grossmont College and take the following courses:

Code	Title	Units
ANTH-120	Cultural Anthropology	3
POSC-148	American Foreign Policy	3-4

or STAT-C1000	Introduction to Statistics	
HIST-108	Early American History	3
HIST-109	Modern American History	3
POSC-135	Model United Nations	1
SOC-120	Introductory Sociology	3
SPAN-120	Spanish I	5
SPAN-121	Spanish II	5
SPAN-145	Hispanic Civilizations	3

Law Enforcement Associate in Science and Certificate of Achievement



Students planning careers in Administration of Justice may elect a program from the four options that follow: Law Enforcement, Corrections, Forensic Technology or Security Management. The programs are designed to meet lower division university transfer, job entry, or promotion requirements, depending on student need.

Students seeking employment with local, state or federal law enforcement agencies specialize in Law Enforcement. Students seeking careers in a jail or prison system, parole, probation or certain aspects of social work may specialize in Corrections. Students who desire a career in scientific criminal investigation and in crime laboratories may specialize in Forensic Technology. Students interested in government, homeland defense, or corporate security, should pursue the Security Management area of emphasis.

The Administration of Justice Department also offers a Police Academy, Corrections Academy, Security Academy, and Public Safety Dispatch course.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

- Adjudicator/Judge[1]
- Arson Investigator
- Bar Examiner[1]
- Correctional Officer
- Crime Lab/Forensic Technician
- Dispatcher
- District Attorney[1]
- Lawyer/Prosecutor/Public Defender[1]
- Evidence Technician/Specialist
- Federal Law Enforcement[1]
  - Border Patrol Agent[1]
  - FBI[1]
  - Immigration and Customs Enforcement
  - Postal Inspector
  - Transportation Security Administration Officer
  - Treasury Agent[1]
  - Secret Service[1]
  - U.S. Marshall[1]
- Fingerprint Examiner
- Forensic Scientist[1]
- Forensic Specialist
- Fraud/Forgery Investigator
- Latent Print Examiner
- Parole/Probation Officer
- Police Officer/Deputy Sheriff/Highway Patrol
- Security Director*
- Security Manager
- Security Officer
- Traffic Officer

[1] Bachelor's Degree or higher is usually required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
   1. Demonstrate knowledge, skills, and abilities relevant to the AOJ certificate / degree program completed.
   2. Demonstrate ethical and professional behavior.
   3. Communicate effectively, in written, verbal and non-verbal forms.
   4. Identify the major components of the criminal justice system, current and historical, including laws enforcement, courts and corrections.
   5. Describe and/or demonstrate the stages of a criminal investigation and the protocol of evidence collection, preservation, and analysis.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
AOJ-110	Introduction to Administration of Justice	3
AOJ-200	Criminal Law	3
AOJ-202	Criminal Evidence	3
AOJ-204	Criminal Trial Process	3
AOJ-230	Public Safety Communications	3
AOJ-240	Community and the Justice System	3
Select twelve (12) additional units from the following:		12
AOJ-120	Community Policing and Patrol Procedure	
AOJ-122	Traffic Law and Enforcement	
AOJ-143	Gangs and Law Enforcement	
AOJ-144	Probation and Parole	
AOJ-155	Digital Investigations	
AOJ-206	Criminal Investigation	
AOJ-208	Juvenile Procedures	
AOJ-210	Leadership in Criminal Justice	
AOJ-214	Public Service Internship	
AOJ-215	Public Service Internship	
AOJ-264	Terrorism and Homeland Security	
Total Units		**30**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Administration of Justice: Law Enforcement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Line Cook Certificate of Achievement



The Line Cook certificate prepares the student who has no exposure to the field and those with limited experience to immediately enter any Food Service operation in a line cook entry-level position with greater opportunity for advancement. The Food Service industry offers unlimited career opportunities and valuable experience. The foundation courses that can be completed in one or two semesters may lead to a Certificate of Achievement in Culinary Arts or with general education courses, an Associate of Science Degree in Culinary Arts.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CA-165	Sanitation for Food Service	1
CA-169	Essential Skills for Culinary Arts	3
CA-171	Intermediate Culinary Skills	3
CA-172	Principles of Soup, Stock and Sauce Preparation	3
CA-180	Advanced Food Preparation for Fine Dining	3
Total Units		**13**

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Line Cook. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Management Associate in Science and Certificate of Achievement



Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Claim Adjuster[1]
Employment Interviewer
Inventory Manager
Management Analyst[2]
Management Consultant[2]
Management Trainee
Operations Manager
Office Manager[1]
Production Controller[1]
Trust Officer, Bank[2]

[1] Bachelor Degree normally recommended.
[2] Bachelor's Degree or higher required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Recognize the effects of globalization on the functions of management such as planning, organizing, leading and controlling.
    2. Discuss and explain the issues affecting businesses today ethics, diversity, time management, the global economy, communications and group dynamics.
    3. Identify and apply ways to positively initiate change in today's diverse and challenging work environment while focusing on core competencies.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BUS-115	Human Relations in Business	3
BUS-120	Financial Accounting	4
BUS-125	Business Law: Legal Environment of Business	3
BUS-128	Business Communication	3
BUS-155	Human Resources Management	3
BUS-156	Principles of Management	3
COMM-C1000	Introduction to Public Speaking	3
Select four units from the following:		4
BUS-176	Computerized Accounting Applications	
BOT-172	Introduction to Microcomputer Applications	
CSIS-110	Principles of Information Systems	
Select one of the following:		3-4
BUS-118	Retail Management	
BUS-121	Managerial Accounting	
BUS-142	Effective Sales - Skills of Personal Selling and Persuasion	
BUS-144	Advertising	
BUS-146	Marketing	
BUS-159A	Management Internship	
BUS-159B	Management Internship	
BUS-159C	Management Internship	
BUS-159D	Management Internship	
ECON-120	Principles of Macroeconomics	
Total Units		**29-30**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who wishes to complete only the requirements listed above qualifies for a Certificate of Achievement in Management. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Marketing Associate in Science and Certificate of Achievement



Marketing consists of all the activities that direct the flow of goods and services from producer to consumer. This may include market research, physical distribution, wholesaling, advertising, personal selling, and retailing. Although most jobs are in wholesale and retail trade, this broad field offers many employment opportunities. The internship experience is an important feature of the program.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Account Executive[1]
Advertising Manager[1]
Booking Agent
Claim Adjustor[2]
Consumer Affairs Director[1]
Financial Planner[1]
Import-Export Agent[2]
Internal Revenue Investigator[1]
Management Trainee
Marketing Manager[2]
Purchasing Agent
Retail Manager
Securities Trader[1]
Stockbroker[1]

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Utilize marketing analysis and strategy to identify marketing opportunities.
2. Define ideal target markets for broad industries as well as specific products and services, utilizing demographic and psychographic descriptions.
3. Develop effective promotional mix strategies for specific products and services, and their related target markets.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BUS-120	Financial Accounting	4
BUS-125	Business Law: Legal Environment of Business	3
BUS-128	Business Communication	3
BUS-146	Marketing	3
BUS-156	Principles of Management	3
BOT-172	Introduction to Microcomputer Applications	2
Select three of the following:		9
BUS-118	Retail Management	
BUS-142	Effective Sales - Skills of Personal Selling and Persuasion	
BUS-144	Advertising	
BUS-262	"Global Trade Operations, Import Procedures"	
BUS-263	Global Trade Operations, Marketing & Export Procedures	
Select one of the following:		3
BUS-115	Human Relations in Business	
BUS-137A	Marketing Internship	
BUS-137B	Marketing Internship	
BUS-137C	Marketing Internship	
BUS-137D	Marketing Internship	
BUS-140	Entrepreneurship: Developing a Business Plan	
BUS-250	Introduction to International Business	
BUS-258	The Cultural Dimensions in International Business	
Total Units		**30**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Marketing. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Mathematics Associate in Science



The mathematics major offers a foundation for further study in mathematics and other mathematics-related fields. The emphasis of the program is to prepare the students for transfer to four-year institutions.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Accountant[1]
Actuary[1]
Budget Analyst[1]
Data Processing Manager
Department Head, College[1]
Economist[1]
Engineer[1]
Financial Planner[1]
Insurance Agent / Broker[2]
Loan Officer
Management Trainee
Market Research Analyst[1]
Mathematical Biologist, Bioinformatics[1]
Operations Research Analyst[1]
Mathematician[1]
Securities Trader[1]
Statistician[1]
Surveyor
Teacher[1]

[1] Bachelor's Degree or higher required.
[2] Bachelor Degree normally recommended.

The Associate in Science degree in Mathematics offers a solid foundation for further study in mathematics and other mathematics related fields. The primary emphasis of the mathematics major program is to prepare the students for transfer to four-year institutions. Students should consult the catalog of the transfer school being considered for specific requirements.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Use appropriate theorems, formulas, and algorithms to solve mathematical problems from algebra, trigonometry, calculus and geometry.
    2. Use appropriate technology to solve problems requiring mathematics.
    3. Formulate, analyze, and differentiate mathematical functions numerically, graphically and symbolically and transition between these representations.
    4. Communicate the mathematical process and assess the validity of the solution.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
MATH-180	Analytic Geometry and Calculus I	5
MATH-280	Analytic Geometry and Calculus II	4
MATH-281	Multivariable Calculus	4
MATH-284	Linear Algebra	3
Select one of the following:		3-5
STAT-C1000	Introduction to Statistics	
MATH-245	Discrete Mathematics	
MATH-285	Differential Equations	
PHYC-201	Mechanics and Waves	
CSIS-293	Introduction to Java Programming	
CSIS-296	Introduction to C++ Programming	
Total Units		**19-21**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Associate Degree for Transfer℠

Mathematics for Transfer (AS-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Science in Math for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The study of mathematics is a gateway to a career in STEM. Our program emphasizes the development of mathematical skills, encouraging students to enhance their critical thinking, problem-solving abilities, and numerical literacy while fostering an inclusive environment that values diversity, equity, and inclusion. The Associate in Science degree in Mathematics offers a solid foundation for further study in mathematics and other mathematics-related fields. The primary emphasis of the mathematics major program is to prepare students for transfer to four-year institutions. Students should consult the catalog of the transfer school being considered for its specific requirements.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Apply appropriate theorems, formulas, and algorithms to solve problems in algebra, trigonometry, calculus and geometry.
    2. Use appropriate technology to solve problems requiring mathematics.
    3. Formulate, analyze, and interpret mathematical functions using numerically, graphically and symbolic representations, and transition between these forms.

4. 4. Clearly communicate mathematical reasoning and evaluate the validity of solutions.

Associate in Science for Transfer Degree Requirements

Code	Title	Units
Required Core		
MATH-180	Analytic Geometry and Calculus I	5
MATH-280	Analytic Geometry and Calculus II	4
MATH-281	Multivariable Calculus	4
List A		**3**
Select one of the following:		
MATH-284	Linear Algebra	
MATH-285	Differential Equations	
List B		
Select one of the following:		3-5
CSIS-293	Introduction to Java Programming	
CSIS-296	Introduction to C++ Programming	
MATH-245	Discrete Mathematics	
PHYC-201	Mechanics and Waves	
STAT-C1000	Introduction to Statistics	
Units for the major		**19-21**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Media Communications Associate in Science and Certificate of Achievement



The Department of Media Communications' curriculum serves two purposes:

1. The Media Communications (MCOM) curriculum brings to the student an awareness of the impact of communications technology and programming in our daily lives and on society as a whole. We are experiencing a revolution in information availability and the expertise of media in manipulating that information. Most members of society remain unaware of the pervasive nature of this influence even though it has become a constant in their lives. The Department of Media Communications aims to make students more thoughtful consumers of mass media.
2. The courses offered in Media Communications are also designed to give students a working knowledge of the concepts, values, theoretical understanding, operational skills, rapidly developing technology, and experience necessary to succeed as competent professional communicators in the fields represented by the curriculum: Audio Production, Cross-Media Journalism, and Video Production.

The Department of Media Communications at Grossmont College enjoys a statewide and national reputation for excellence. The faculty, both full-and part-time, have been carefully chosen for their many years of experience in their fields and in the classroom. The career opportunities for majors in this department include positions in newspapers, news agencies, public relations, commercial and non-commercial television, radio, business and industry non-broadcast applications, videoconferencing, video production studios, education, and the growing fields of digital communications and multimedia.

Students may elect a program from these three areas: Audio Production, Cross-Media Journalism, or Video Production. The programs are designed to meet lower division transfer requirements or job entry requirements, depending on the goals of the student.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Anchorperson
Newscaster
Audiovisual Specialist
Camera Operator
Cinematographer[1]
Engineering Technician
Instructional Media Specialist
Lighting Director
News Director[1]
Print Journalist[1]
Production Assistant[1]
Technical Director[1]
Videographer
World Wide Web Journalist

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Students will analyze the functions and roles of mass media in US society.
    2. Students will understand and apply the functions and principles of mass media within society.
    3. Students will organize and synthesize the basic principles of their discipline knowledge and create applicable media.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Core Curriculum

Code	Title	Units
MCOM-110	Mass Media and Society	3
MCOM-112	Introduction to Reporting and News Writing	3
MCOM-116	Introduction to Audio Production	3
MCOM-117	Television Studio Operations	3

MCOM-210	Social Media in the Digital Age	3
Total Units		**15**

Note: Students must choose at least one area of emphasis.

Audio Production Area of Emphasis

Code	Title	Units
Core Curriculum		15
MCOM-113	Media Announcing	3
Select three units from the following:		3
MCOM-151	Media Internship 1	
MCOM-153	Media Internship 2	
MCOM-155	Media Internship 3	
Select one of the following sequences:		9
Sequence A.		
MCOM-119A	Radio and Podcasting Operations 1	
MCOM-119B	Radio and Podcasting Operations 2	
MCOM-119C	Radio and Podcasting Operations 3	
Sequence B.		
MCOM-216A	Audio Multi-track Production 1	
MCOM-216B	Audio Multi-track Production 2	
MCOM-216C	Audio Multi-track Production 3	
Total Units		**30**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Recommended Electives

Code	Title	Units
MCOM-111	Introduction to Film Analysis	3
MCOM-118	Media Script Writing	3
MCOM-250	Introduction to Representation in the Media	3

Cross-Media Journalism Area of Emphasis

Code	Title	Units
Core Curriculum		15
MCOM-118	Media Script Writing	3
MCOM-119A	Radio and Podcasting Operations 1	3
MCOM-212	Multimedia Reporting	3
Select one of the following:		3
MCOM-132A	Student News Production 1	
MCOM-132B	Student News Production 2	
MCOM-132C	Student News Production 3	
Select three units from the following:		3
MCOM-151	Media Internship 1	
MCOM-153	Media Internship 2	
MCOM-155	Media Internship 3	
Total Units		**30**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Recommended Electives

Code	Title	Units
MCOM-113	Media Announcing	3
MCOM-217	Television/Video News Producing and Directing	3
MCOM-250	Introduction to Representation in the Media	3

Video Production Area of Emphasis

Code	Title	Units
Core Curriculum		15
MCOM-111	Introduction to Film Analysis	3
MCOM-118	Media Script Writing	3
MCOM-120	Single Camera Video Cinematography	3
MCOM-230	Digital Program Production	3
Select three units from the following:		3
MCOM-151	Media Internship 1	
MCOM-153	Media Internship 2	
MCOM-155	Media Internship 3	
Total Units		**30**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Recommended Electives

Code	Title	Units
MCOM-217	Television/Video News Producing and Directing	3
MCOM-250	Introduction to Representation in the Media	3

Certificate of Achievement

Any student who chooses to complete only the requirements for one of the areas of emphasis plus the Media Communications core curriculum qualifies for a Certificate of Achievement in:

- Media Communications – Audio Production
- Media Communications – Cross-Media Journalism
- Media Communications – Video Production

An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Middle East Studies Certificate of Proficiency



Certificates of Proficiency are designed for the student who strives to be more efficiently prepared to collaborate or interact with a diverse community either in the workplace or in other settings. The Middle East Certificate of Proficiency may be awarded upon successful completion of the requirements as outlined as part of the Middle East Studies program. The certificates will not appear on a student's transcripts.

A certificate of proficiency in Middle East Studies is awarded to students who complete POSC 147 Introduction to the Politics and Government of the Middle East, and RELG 135 Religion of the Middle East, and a minimum of one course each from List A and List B of the elective courses. These courses are designed to foster a stronger understanding of the Middle East, its politics, religion, history, and culture for the goal of advancing students' professional and academic goals.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Analyze and identify the teachings, principles, and history of the religions of the Middle East including Judaism, Islam, Christianity.
2. Assess and contrast the moral beliefs of the major religions of the Middle East.
3. Identify and critically assess the different institutions of governments of the region.
4. Identify the role of nationalism, social movements, Islam, Zionism, in the development of the Middle East.
5. Evaluate and analyze the origins of conflict in the Middle East.
6. Identify and evaluate the historical trajectory of the region focusing on the history of specific groups, countries, religions, and ideas.
7. Identify the role of external actors in the religious, political, historical, cultural, and economic development of the Middle East.
8. Identify and evaluate the different political regimes in the region including authoritarian and democratic regimes.

Note: All courses must be completed with a "C" or higher or "Pass."

Code	Title	Units
POSC-147	Introduction to Middle East Government and Politics	3
RELG-135	Religion in the Middle East	3
Select one of the following:		3
HIST-148	Modern Middle East History	
MUS-142	Middle Eastern Ensemble	
Select one of the following:		3-5
ARBC-120	Arabic I	
ARBC-121	Arabic II	
ARBC-122	Arabic for the Arabic Speaker I	
ARBC-250	Conversational Arabic I	
HIST-105	Early Western Civilization	
HIST-135	Ancient History of Western Civilization	
HIST-136	Survey of Medieval History	
POSC-148	American Foreign Policy	
RELG-130	Scriptures of World Religions	
Total Units		**12-14**

Music Associate in Arts



The music major offers a secure foundation for further study in music. The primary emphasis of the program is to prepare students for transfer to four-year institutions. In addition to the required and elective courses, music students are expected to participate in at least one performing organization each semester.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Arranger[1]
Conductor[1]
Critic[1]
Instrumentalist
Music Director[1]
Music Instructor[1]
Music Therapist[1]
Performer, Vocalist
Piano Tuner
Recording Engineer[1]
Teacher / Professor[1]

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Apply the terminology associated with the language of music.
    2. Correlate significant events and trends in music history with significant events and trends in world history.

Code	Title	Units
MUS-105	Music Theory and Practice I	4
MUS-106	Music Theory and Practice II	4
MUS-132	Class Piano I	3
MUS-133	Class Piano II	3
Total Units		**14**

Area of Emphasis

Classical Studies

Code	Title	Units
MUS-190	Performance Studies	0.5
MUS-191	Performance Studies	0.5
MUS-205	Music Theory and Practice III	4
MUS-206	Music Theory and Practice IV	4
MUS-232	Class Piano III	3
MUS-233	Class Piano IV	3
MUS-290	Performance Studies	0.5
MUS-291	Performance Studies	0.5
Select four (4) units from any other music courses		4
Total Units		**20**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Associate Degree for Transfer℠

Music for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Music for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

Music is the study of art, space, and silence through time. The art of arranging sounds or making sounds, usually those of musical instruments or voices. Musical language may be used to mean style or genre, while music may be treated as language without being called such. The study of music offers a secure foundation for exploration into these areas. Furthermore, studying music enables students to obtain careers as performers, educators, composers, and music industry professionals. Students will pursue the art and beauty of music while honing the interpersonal and communication skills that are crucial to every career.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Apply the terminology associated with the language of music.
    2. Correlate significant events and trends in music history with significant events and trends in world history.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
MUS-105	Music Theory and Practice I	4
MUS-106	Music Theory and Practice II	4
MUS-205	Music Theory and Practice III	4
MUS-190	Performance Studies	0.5
MUS-191	Performance Studies	0.5
MUS-290	Performance Studies	0.5
MUS-291	Performance Studies	0.5
Select four (4) of the following:		4
MUS-138	Grossmont Master Chorale	
MUS-139	Grossmont Master Chorale	
MUS-238	Grossmont Master Chorale	
MUS-239	Grossmont Master Chorale	
MUS-150	Grossmont Symphony Orchestra	
MUS-151	Grossmont Symphony Orchestra	
MUS-250	Grossmont Symphony Orchestra	
MUS-251	Grossmont Symphony Orchestra	
MUS-152	Concert Band	
MUS-153	Concert Band	
MUS-252	Concert Band	
MUS-253	Concert Band	
MUS-154	Afro-Cuban Ensemble	
MUS-155	Afro-Cuban Ensemble	
MUS-254	Afro-Cuban Ensemble	
MUS-255	Afro-Cuban Ensemble	
MUS-156	Jazz Ensemble	
MUS-157	Jazz Ensemble	
MUS-256	Jazz Ensemble	
MUS-257	Jazz Ensemble	
MUS-166	Jazz Vocal Ensemble	
MUS-167	Jazz Vocal Ensemble	
MUS-266	Jazz Vocal Ensemble	
MUS-267	Jazz Vocal Ensemble	
List A		
Select one of the following:		3-4
MUS-206	Music Theory and Practice IV	
MUS-132	Class Piano I	
MUS-133	Class Piano II	
MUS-232	Class Piano III	
Units in the major		**21-22**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Musical Theatre Associate in Arts and Certificate of Achievement

The primary focus of the Musical Theatre Program is to provide technical and practical musical theatre training in all aspects of Musical Theatre and to assist students in completing lower division requirements in preparation for transfer to baccalaureate level institutions. Secondarily the curriculum prepares students for entry-level employment in

professional and community theatre as they pursue their degree objectives.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Actor / Actress[1]
Dancer[2]
Director of Audience Development[1]
Musician[2]
Performers[1]
Production Assistant[1]
Song Writers[2]
Sound Technician[1]
Theatrical Agent[1]

[1] Bachelor's Degree or higher required.
[2] Bachelor's Degree normally recommended.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate an appreciation of learning and create a diverse aesthetic for Musical Theatre and its place in culture and society.
    2. Participate in high quality, accessible musical theatre productions and present them at a reasonable cost for our students and the community at large.
    3. Understand the proper artistic conduct in all academic and professional musical theatre environments.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
DANC-081A	Tap I	1.5
DANC-095	Musical Theatre Dance	1.5
MUS-132	Class Piano I	3
or MUS-133	Class Piano II	
MUS-170	Class Voice	2
MUS-171	Class Voice	2
THTR-130	Acting I	3
THTR-131	Acting II	3
THTR-205	The American Musical on Stage and Screen	3
THTR-234A	Fundamentals of Musical Theatre - Performance I	3
or THTR-234B	Fundamentals of Musical Theatre - Performance II	
THTR-235A	Fundamentals of Musical Theatre - Scene/Song I	3
or THTR-235B	Fundamentals of Musical Theatre - Scene/Song II	
Select two of the following:		3
DANC-080A	Modern I	
DANC-080B	Modern II	
DANC-080C	Modern III	
DANC-080D	Modern IV	
DANC-084A	Jazz I	
DANC-084B	Jazz II	
DANC-084C	Jazz III	
DANC-084D	Jazz IV	
DANC-088A	Ballet I	
DANC-088B	Ballet II	
DANC-088C	Ballet III	
DANC-088D	Ballet IV	
Select one of the following:		2
THTR-102A	Theatre Production Practicum: Costumes I	
THTR-102B	Theatre Production Practicum: Costumes II	
THTR-102C	Theatre Production Practicum: Costumes III	
THTR-102D	Theatre Production Practicum: Costumes IV	
THTR-103A	Theatre Production Practicum: Sets I	
THTR-103B	Theatre Production Practicum: Sets II	
THTR-103C	Theatre Production Practicum: Sets III	
THTR-103D	Theatre Production Practicum: Sets IV	
THTR-104A	Theatre Production Practicum: Lighting/Sound I	
THTR-104B	Theatre Production Practicum: Lighting/Sound II	
THTR-104C	Theatre Production Practicum: Lighting/Sound III	
THTR-104D	Theatre Production Practicum: Lighting/Sound IV	
THTR-111A	Rehearsal and Performance: Acting I	
THTR-111B	Rehearsal and Performance: Acting II	
THTR-111C	Rehearsal and Performance: Acting III	
THTR-111D	Rehearsal and Performance: Acting IV	
THTR-112A	Rehearsal and Performance: Stage Management I	
THTR-112B	Rehearsal and Performance: Stage Management II	
THTR-112C	Rehearsal and Performance: Stage Management III	
THTR-112D	Rehearsal and Performance: Stage Management IV	
THTR-113A	Rehearsal and Performance: Production Crew I	
THTR-113B	Rehearsal and Performance: Production Crew II	
THTR-113C	Rehearsal and Performance: Production Crew III	
THTR-113D	Rehearsal and Performance: Production Crew IV	
Select one of the following:		1
THTR-122A	Theatre Workshop Laboratory: Acting I	
THTR-122B	Theatre Workshop Laboratory: Acting II	
THTR-122C	Theatre Workshop Laboratory: Acting III	
THTR-122D	Theatre Workshop Laboratory: Acting IV	
THTR-123A	Theatre Workshop Laboratory: Construction I	
THTR-123B	Theatre Workshop Laboratory: Construction II	

THTR-123C	Theatre Workshop Laboratory: Construction III
THTR-123D	Theatre Workshop Laboratory: Construction IV
THTR-124A	Theatre Workshop Laboratory: Production Crew I
THTR-124B	Theatre Workshop Laboratory: Production Crew II
THTR-124C	Theatre Workshop Laboratory: Production Crew III
THTR-124D	Theatre Workshop Laboratory: Production Crew IV
Total Units	**31**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the requirements listed above under Musical Theatre core curriculum qualifies for a Certificate of Achievement. An official request must be filled with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Network and Cybersecurity Technician Certificate of Proficiency



This certificate prepares a student with the basic skills to enter a position in industry as a Network and Cybersecurity Technician. The skills to be gained with the certificate include familiarity with the Linux operating system, computer networks, network security, and ethical hacking or computer forensics.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CSIS-113	Introduction to Linux	3
CSIS-121	Introduction to Cybersecurity	3
CSIS-125	Network + Certification	3
CSIS-263	Security + Certification	3
Total Units		**12**

Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. This certificate will not appear on a student's transcript.

Nursing Associate in Science



Refer to Admission: Registered Nursing (NURS) Programs in* Admission Information (p. 18*) for special admission procedures and criteria.

As defined by the American Nurses Association, professional nursing is the diagnosis and treatment of human responses to actual and high-risk health problems. The Associate Degree Registered Nursing program at Grossmont College prepares men and women for national licensure to practice professional nursing in critical, acute, chronic, ambulatory and home health-care settings. For students without previous nursing education, the nursing courses cover four semesters in addition to the prerequisite courses required to apply. Nursing didactic is coordinated with laboratory experience in local hospitals and health agencies under the supervision of nursing faculty members. In addition to the nursing courses, the major requires selected general education courses from the natural, behavioral and social sciences.

Students are admitted to the Nursing Program based on a multi-criteria selection process which includes the following criteria: GPA of 2.5 or higher in the required sciences and general education courses for the Nursing major, previous degrees or certifications, life experiences, proficiency in a California State chancellor's office approved second language, and the individual composite score of 62 or greater for the Test of Essential Academic Skills exam. Program applications are accepted during specific application periods and is a separate process from an application to Grossmont College. No waitlist is maintained however, for those applicants not selected, the opportunity exists to reapply during future application periods.

For all information on admission criteria, see the Nursing Program website at https://www.grossmont.edu/academics/programs/nursing/index.php (https://www.grossmont.edu/academics/programs/nursing/).

California Licensed Vocational Nurses are eligible to apply for an LVN-RN Transition Program. Upon successful completion of required nursing courses, students will receive a total of 13 units of credit for Fundamentals of Nursing and Obstetric and Pediatric Nursing. Placement in the program is done on an individual bases. Please refer to the website for more information.

Grossmont College prepares the student for an Associate Degree in Science in Registered Nursing. In addition to the nursing courses, the major requires selected general education courses to be successfully completed for the degree. Upon completion of all degree requirements, the graduate is eligible to apply to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN). The Associate Degree Nursing Program is an approved School of Nursing by the California Board of Registered Nursing located at 1747 N. Market Blvd., Suite 150 Sacramento, CA 95834. The Associate Degree Nursing Program at Grossmont Community College located in El Cajon, California is accredited by the:

Accreditation Commission for Education in Nursing (ACEN)
3390 Peachtree Road NE, Suite 1400
Atlanta, CA 30326.

The most recent accreditation decision made by the ACEN Board of Commissioners for the associate degree nursing program is Continuing Accreditation.

Graduates of the ADN program are also eligible to transfer into a BSN program upon completion of the program. Appropriate courses are fully accepted on transfer by the University of California, the California State University and by private four-year colleges and universities. View the public information disclosed by ACEN regarding this program at https://www.acenursing.org/search-programs/entry/2630/.

Important: Any prior conviction of a misdemeanor or felony may influence eligibility for licensure as a Registered Nurse. A flagged background check or drug screen may also prohibit participation in the Nursing program, eligibility for state licensure and securing employment. Applicants with prior convictions are urged to visit the California Board of Registered Nursing prior to applying to the program at https://www.rn.ca.gov/

Application Period

An online application for the nursing major is required and will only be accepted during the application periods specified on the Nursing Program website. The application must be complete and include all required documentation. Incomplete packets will not be considered for admission. No waitlist is maintained for the program. The application must be complete and include all required documentation.

All prospective nursing students must pass the Test of Essential Academic Skills exam (TEAS). This is a pre-entrance test that covers basic Math, Reading, English and Science. All applicants must pass the most recent TEAS version in order to apply to the program; no previous versions will be accepted. Students may prepare for this exam by going to the ATI testing website (https://www.atitesting.com). TEAS study guides and online practice exams are available for purchase through the website https://www.atitesting.com/teas/teas-prep (https://www.atitesting.com/teas/teas-prep/).

Under the multi-selection criteria, points are given for a successful TEAS exam score. All applicants are strongly advised to visit the program website for all TEAS policies, procedures and detailed information on remediation and repeating the exam at https://www.grossmont.edu/academics/programs/nursing/students/future/apply.php.

Please review the entire TEAS policy *prior to* taking the exam.

For all information on admission criteria, see the Nursing website at https://www.grossmont.edu/academics/programs/nursing/.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Administrator[1]
Clinic Nurse (Ambulatory Care)
Critical Care Nurse[1]
Emergency Room / Lifeflight Nurse[1]
Home Health Nurse[1]
Hospital Staff Nurse
Industrial Nurse
Medical Researcher[1]
Nurse Anesthetist[1]
Nurse Midwife[1]
Nurse Practitioner[1]
Office Nurse
Public Health Nurse[1]
Teacher / Educator[1]

[1] Additional education is required.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Provide caring, patient-centered, safe and holistic care that is culturally sensitive and utilizes critical thinking within the framework of the nursing process and evidence-based principles.
2. Communicate effectively when providing care for multicultural patients and effectively promote patient advocacy for patients and families with integrity.
3. Safely implement the professional nursing role as defined by the California Nursing Practice Act and the American Nurses' Association principles of ethical practice.
4. Engage in life-long learning as part of the professional commitment of the Registered Nurse role.

All Allied Health and Nursing students adhere to the graduation requirements outlined in the college catalog for the academic year in which they enter the program.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Choose one of the following sequences:		8
Sequence A.		
BIO-140	Human Anatomy	
BIO-141	Human Physiology	
BIO-141L	Laboratory in Human Physiology	
Sequence B.		
BIO-144	Anatomy and Physiology I	
BIO-145	Anatomy and Physiology II	
BIO-152	Paramedical Microbiology	5
COMM-120	Interpersonal Communication	3
or COMM-122	Public Speaking	
Select one of the following:		3-6
ENGL-120	College Composition and Reading	
ENGL-124	Advanced Composition: Critical Reasoning and Writing	
ESL-122	College Rhetoric	
NURS-118	Nursing Pharmacology	2
NURS-120	Fundamentals of Nursing	8
NURS-130	Medical-Surgical Nursing I	5
NURS-132	Obstetric and Pediatric Nursing	5
NURS-220	Medical-Surgical Nursing II	5.5
NURS-222	Psychiatric and Community Health Nursing	5.5
NURS-230	Medical-Surgical Nursing III	8
Select one of the following:		3
PSY-120	Introductory Psychology	
or PSY-150	Developmental Psychology	
Select one of the following:		3

SOC-114	Introduction to Race & Ethnicity	3
or ETHN-114	Introduction to Race & Ethnicity	
or SOC-120	Introductory Sociology	
Units in the major		**67-70**
Plus Remaining General Education Requirements for Nursing Majors		6
Total Units		**73-76**

Maximum totals include the 4 unit Anatomy course and the 6 unit ESL-122 College Rhetoric course.

Nutrition Associate in Science and Certificate of Achievement

The goal of the Associate of Science in Nutrition is to prepare students to successfully enter the academic pathway for becoming a Registered Dietitian Nutritionist. This degree is specifically designed to meet the requirements for transfer to local colleges with four-year didactic programs in dietetics (DPD) that prepare students to become Registered Dietitian Nutritionists. *

* Note that beginning in 2024, a minimum of a graduate degree will be required to sit for the registration exam to become a Registered Dietitian Nutritionist.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Analyze dietary patterns for nutritional adequacy, including nutrient deficits, excesses, and risk factors for the development of chronic disease
    2. Explore the academic and career pathways within the nutrition and dietetics profession
    3. Demonstrate understanding of culturally inclusive care in the nutrition and dietetics profession

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BIO-152	Paramedical Microbiology	5
BIO-140	Human Anatomy	4
CHEM-115	Fundamentals of Chemistry	4
CHEM-116	Introductory Organic and Biochemistry	4
CHEM-117	Introductory Biochemistry	3
NUTR-200	Foods and Nutrition: Overview and Opportunities	1
NUTR-255	Science of Nutrition	3
NUTR-159	Cultural Aspects of Food and Nutrition	3
NUTR-205	The Scientific Principles of Food Preparation	4
STAT-C1000	Introduction to Statistics	3-4
or ANTH-215	Statistics for the Behavioral Sciences	
or PSY-215	Statistics for the Behavioral Sciences	
or SOC-215	Statistics for the Behavioral Sciences	
or BIO-215	Statistics for Life Sciences	
PSYC-C1000	Introduction to Psychology	3
SOC-120	Introductory Sociology	3
Total Units		**40-41**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the requirements listed above for the major qualifies for a Certificate of Achievement in Nutrition. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Occupational Therapy Assistant Associate in Science

Refer to Admission: Occupational Therapy Assistant (OTA) Program in* Admission Information *(p. 18) for special admission procedures and criteria.

This career major prepares the student to work as an Occupational Therapy Assistant with people who are limited by physical injury or illness, mental health problems, developmental or learning disabilities, or the aging process. Occupational Therapy Assistants (OTAs) work under the direct supervision of an occupational therapist (OT) providing all levels of patient treatment. The student learns to utilize manual and creative arts, purposeful activities, exercises, adaptive devices, daily living tasks and leisure activities to assist patients to achieve their highest level of function.

Those working in occupational therapy would be expected to assist the OT in assessing patient needs, determining therapeutic goals, planning treatment activities, carrying out treatment procedures, communicating with patients and health care providers, documenting patient progress, and maintaining clinical environments. Assistants are employed in rehabilitation facilities, hospitals, skilled nursing facilities, schools, day treatment centers, outpatient clinics and other community agencies.

Students are admitted to the Occupational Therapy Program based on the date a complete application packet is submitted to include the following: OTA application, completed immunizations and/or tests, official transcripts of all science prerequisites and courses completed in the major if taken outside of GCCCD. Program applications are accepted year round and is a separate process from an application to Grossmont College.

For all information on admission criteria, see the Occupational Therapy Assistant Program website at https://www.grossmont.edu/academics/programs/health-professions/occupational-therapy-assistant/.

Grossmont College prepares the student for an Associate Degree in Science as an Occupational Therapy Assistant. In addition to the occupational therapy assistant courses, the major requires selected general education courses to be successfully completed for the degree. Upon completion of all degree requirements, the graduate is eligible to apply to take the national certification exam for Occupational Therapy Assistants administered by the National Board for Certification of Occupational Therapy (NBCOT). All states require licensure to practice as an OTA however, state licenses are usually based on the results of the NBCOT Certification Exam.

The Associate Degree Occupational Therapy Assistant Program is accredited through the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA) located at 6116 Executive Boulevard, suite 200, North Bethesda, MD 20852, 301-652-6611, https://www.acoteonline.org/.

Graduates of the OTA program are also eligible to transfer into a higher degree program upon completion of the Associates Degree program. Appropriate courses are fully accepted on transfer by the University of California, the California State University and by private four-year colleges and universities.

Important: Any prior conviction of a misdemeanor or felony may influence eligibility for licensure as an Occupational Therapy Assistant. A flagged background check or drug screen may also prohibit participation in the OTA program, eligibility for state licensure and securing employment. Applicants with prior convictions are urged to contact the Occupational Therapy Board of California at 916-263-2294 and the NBCOT at 301-990-7979.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Activities Director
ADA Assistant
Administrator[1]
Behavioral Support Assistant
Special Education Teacher Assistant / Aide
Camp Counselor
Certified Occupational Therapist Assistant
Ergonomics Assistant
Health Educator
Healthcare Consultant
Occupational Therapist[1]
Recreation Leader
Recreation Program Assistant
Rehab Director
Teacher[1]
Vocational Rehabilitation Counselor[1]

[1] Additional education is required.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate proficiency in the foundational skills and knowledge of occupational therapy as a profession, including anatomy, physiology, the history of the profession, and the principles of therapeutic use of self to effectively engage clients in meaningful activities.
2. Apply ethical reasoning and the principles of therapeutic use of self to ensure client-centered and evidence-based practice.
3. Integrate occupational therapy principles to design and implement interventions that address clients' unique needs, promoting engagement in meaningful and purposeful activities.
4. Apply clinical reasoning and critical thinking skills to adapt interventions and utilize assistive technology, addressing the dynamic needs of clients across the lifespan.
5. Advocate for the value of occupational therapy by collaborating with clients, families, and communities to enhance health, wellness, and quality of life through occupation-based approaches.
6. Exhibit cultural humility and competence by respecting and integrating diverse cultural perspectives, values, and practices into therapeutic interactions and intervention planning.
7. Maintain professionalism and develop a strong professional identity by upholding ethical responsibilities, demonstrating effective communication, engaging in life-long learning, and fostering inclusive environments within intra and inter- professional teams.
8. Demonstrate competence in clinical skills, including observation, intervention planning, and documentation, to meet client goals and achieve successful outcomes in a variety of practice settings.
9. Reflect on and integrate feedback from clinical experiences to continuously improve professional practice and client care delivery.

All Allied Health and Nursing students adhere to the graduation requirements outlined in the college catalog for the academic year in which they enter the program.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Select one of the following:		7-8
BIO-140 & BIO-141	Human Anatomy and Human Physiology	
BIO-144 & BIO-145	Anatomy and Physiology I and Anatomy and Physiology II	
FS-120	Human Development	3
or CD-125	Child Growth and Development	
or CD-131	Child, Family and Community	
or ETHN-125	Cross-Cultural Psychology	
or PSYC-C1000	Introduction to Psychology	
or PSY-125	Cross-Cultural Psychology	
OTA-100	Fundamentals of Occupational Therapy	2
OTA-105	Fundamentals of Activity/Therapeutic Media	3
OTA-107	Occupational Therapy Assistant Preliminary Skills	0.5
OTA-111	Fieldwork 1A	1
OTA-115	Dynamics of Human Movement	4
OTA-117	Introduction to Personal and Professional Responsibilities	2
OTA-125	Occupational Skills-Psychosocial Interventions	3
OTA-135	Occupational Therapy Skills in Physical Rehabilitation, Orthopedic, and Medical Intervention	3

OTA-140	Occupational Skills Development in Pediatric Roles	3
OTA-141	Experiential/Simulation II	1
OTA-145	Assistive Technology for Occupational Therapies Assistants	2
OTA-205	Evidence Based Practice	2
OTA-217	Advanced Personal and Professional Responsibilities	2
OTA-220	Occupational Therapy Skills for Physical Dysfunction, Neurologic, and Medical Interventions	3
OTA-221	Experiential/Simulation III	1
OTA-225	Occupational Justice	2
OTA-230	Occupational Therapy Management	2
OTA-235	OTA Review	3
OTA-240	Clinical Practicum IV	6
OTA-241	Level IIB Fieldwork	6
OTA-251	Level IIB Fieldwork	6
Units in the major		**67.5-68.5**

Plus General Education Requirements

Oceanography Associate in Science



Oceanography applies an eclectic mix of natural sciences to the study of the world's oceans. Physics, chemistry, biology, geology, geography, meteorology and even astronomy contribute to understanding the composition, structure and motion of seawater, and its interaction with the lithosphere, atmosphere and biosphere.

Although a few four-year institutions offer undergraduate degrees in oceanography, students who pursue oceanographic studies typically complete undergraduate degrees in one or more of the aforementioned natural sciences, then later apply that knowledge to graduate study in oceanography. The associate degree in oceanography outlined below provides beginning lecture, lab and field courses in oceanography, plus a solid foundation of math and appropriate science courses upon which transferring students can build baccalaureate degrees that are later applied in graduate oceanographic studies.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Aquarist
Boat Captain
Chemical Oceanographer[1]
Climatologist[1]
Environmental Advocate
Marine Archaeologist[1]
Marine Biologist[1]
Marine Economist[1]
Marine Geologist / Geophysicist[1]
Marine Lawyer[1]
Marine Policy Specialist[1]
Ocean Engineer[1]
Ocean Fisheries Specialist[1]
Ocean Resource Management[1]
Ocean Technician
Physical Oceanographer[1]
Teacher[1]

[1] Bachelor's degree or higher required.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Students will find, use and evaluate resources for oceanographic information.

Code	Title	Units
CHEM-141	General Chemistry I	5
CHEM-142	General Chemistry II	5
GEOL-110	Planet Earth	3
MATH-180	Analytic Geometry and Calculus I	5
OCEA-112	Introduction to Oceanography	3
OCEA-113	Oceanography Laboratory	1
Select two of the following:		8-10
BIO-105	Marine Biology	
BIO-120	Principles of Biology	
MATH-280	Analytic Geometry and Calculus II	
PHYC-201	Mechanics and Waves	
PHYC-202	Electricity, Magnetism, and Heat	
Select six units from the following:		6
BIO-110	Environmental Biology	
CHEM-110	Environmental Chemistry	
GEOG-104	Introduction to Geographic Information Science	
GEOG-120	Physical Geography: Earth Systems	
GEOG-140	Meteorology: Weather and Climate	
GEOL-121	Earth History	
GEOL-162	Geologic Field Studies: Southern California Mountain Areas	
GEOL-163	Geologic Field Studies: Mojave Desert and Adjacent Areas	
GEOL-164	Geologic Field Studies: Southern California Coastal Areas	
GEOL-165	Geologic Field Studies: Colorado Desert/ Salton Trough Area	
GEOL-172	Field Exploration: Colorado Plateau	
GEOL-173	Field Exploration: Cascade Range/Modoc Plateau	
GEOL-174	Field Exploration: Basin and Range Province	
GEOL-175	Field Exploration: California Coastal Mountains	
GEOL-176	Field Exploration: Sierra Nevada	
GEOL-210	Geology of California	
GEOL-220	Geology of the National Parks	
GEOL-230	Natural Disasters	

OCEA-150	Field Study of the Natural History of the Greater San Diego Region	
Total Units		**36-38**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Office Assistant, Level I Certificate of Proficiency

The following Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. These certificates will not appear on a student's transcript.

This Certificate of Proficiency prepares a beginning student to work in a job that requires keyboarding skills, a basic knowledge of filing, and basic computer skills. It is designed for a student who has not had any computer training and lacks general office background and experience. Students who complete this program would qualify for positions as data entry clerks or entry level office clerical positions.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BOT-100	Basic Keyboarding	1
BOT-101A	Keyboarding/Document Processing I	1.5
BOT-101B	Keyboarding/Document Processing II	1.5
Select one of the following:		1
BOT-103A & BOT-103B	Building Keyboarding Skill I and Building Keyboarding Skill II	
BOT-103B & BOT-103C	Building Keyboarding Skill II and Building Keyboarding Skill III	
BOT-104	Filing and Records Management	1
BOT-106	Effective Job Search	1
BOT-132	Google Applications for Business	3
Total Units		**10**

Office Assistant, Level II Certificate of Proficiency

The following Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. These certificates will not appear on a student's transcript.

This Certificate of Proficiency is designed for the student who has completed the Office Assistant, Level I Certificate of Proficiency or has the equivalent in keyboarding and computer skills. It prepares students to advance in an office career ladder in which knowledge of Microsoft Office applications is necessary. It is a certificate that leads to the full college certificate for the Administrative Assistant certificate and degree.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BOT-102A	Intermediate Keyboarding/Document Processing I	1.5
BOT-102B	Intermediate Keyboarding/Document Processing II	1.5
BOT-107	Office Systems and Procedures	2
BOT-114	Essential Word	1
BOT-115	Essential Excel	1
BOT-116	Essential Access	1
BOT-117	Essential PowerPoint	1
Total Units		**9**

Office Professional Certificate of Proficiency

The following Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. These certificates will not appear on a student's transcript.

This Certificate of Proficiency is designed for the first level position in a broad spectrum of office environments. The program provides the basic skills necessary to be a productive employee. It provides the foundation for further study and advancement in the clerical field, which is one of the largest employment areas in our information processing society.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Select one of the following:		1-3
BOT-100	Basic Keyboarding	
BOT-101A & BOT-101B	Keyboarding/Document Processing I and Keyboarding/Document Processing II	
BOT-102A & BOT-102B	Intermediate Keyboarding/Document Processing I and Intermediate Keyboarding/Document Processing II	
BOT-106	Effective Job Search	1
BOT-107	Office Systems and Procedures	2

BOT-110	Business English and Communication	3
BOT-114	Essential Word	1
BOT-115	Essential Excel	1
Total Units		**9-11**

Office Software Specialist, Level I Certificate of Proficiency

The following Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. These certificates will not appear on a student's transcript.

This certificate of Proficiency is designed for the student who is interested in working in an administrative support capacity and needs working knowledge of word processing, electronic spreadsheet, database, and presentation software. These courses may also be applied to the Office Assistant Level II Certificate of Proficiency.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BOT-100	Basic Keyboarding	1
Select one of the following:		1-2
BOT-114	Essential Word	
BOT-120 & BOT-121	Comprehensive Word, Level I and Comprehensive Word, Level II	
Select one of the following:		1-2
BOT-115	Essential Excel	
BOT-123 & BOT-124	Comprehensive Excel, Level I and Comprehensive Excel, Level II	
Select one of the following:		1-2
BOT-116	Essential Access	
BOT-126 & BOT-127	Comprehensive Access, Level I and Comprehensive Access, Level II	
Select one of the following:		1-2
BOT-117	Essential PowerPoint	
BOT-129 & BOT-130	Comprehensive PowerPoint, Level I and Comprehensive PowerPoint, Level II	
Total Units		**5-9**

Office Software Specialist, Level II Certificate of Proficiency

The following Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. These certificates will not appear on a student's transcript.

This Certificate of Proficiency is designed for the student who is interested in working in an administrative support capacity and needs thorough knowledge of word processing, electronic spreadsheet, database, and presentation software as well as software integration techniques. Students who complete this proficiency certificate may continue taking courses and earn the Executive Assistant Certificate of Proficiency.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BOT-100	Basic Keyboarding	1
BOT-118 or BOT-132	Integrated Office Projects Google Applications for Business	1-3
BOT-120 or BOT-114	Comprehensive Word, Level I Essential Word	1
BOT-121	Comprehensive Word, Level II	1
BOT-122	Comprehensive Word, Level III	1
BOT-123 or BOT-115	Comprehensive Excel, Level I Essential Excel	1
BOT-124	Comprehensive Excel, Level II	1
BOT-125	Comprehensive Excel, Level III	1
BOT-126 or BOT-116	Comprehensive Access, Level I Essential Access	1
BOT-127	Comprehensive Access, Level II	1
BOT-129 or BOT-117	Comprehensive PowerPoint, Level I Essential PowerPoint	1
BOT-130	Comprehensive PowerPoint, Level II	1
Total Units		**12-14**

Orthopedic Technology Associate in Science and Certificate of Achievement

Refer to Admission: Orthopedic Technology (OT) Program in* Admission Information (p. 18) ***for special admission procedures and criteria.***

A program designed to train students as Orthopedic Technologists, preparing graduates with lifetime professional skills in an expanding allied health field. Orthopedic Technologists are employed in hospitals, clinics, or private practice offices for applying, adjusting, and/or removing of casts, splints, and braces. In addition, the Orthopedic Technologists set up, adjust, and maintain all traction configurations, assist with the care of the acutely injured orthopedic patients, and assist the physician in the reduction and/or manipulation of orthopedic injuries. This program prepares the graduate to take the national certification examination (NBCOT).

Students are admitted to the Orthopedic Technology Program based on the date a completed application packet is submitted to include the following: OT application, completed immunizations and/or tests and official transcripts of all science prerequisites if taken outside of GCCCD. Program applications are accepted year round and is a separate process from an application to Grossmont College.

For all information on admission criteria, see the Orthopedic Technology Program website at https://www.grossmont.edu/academics/programs/health-professions/orthopedic-technology/.

Grossmont College prepares the student for an Associate Degree in Science as an Orthopedic Technologist or, upon successful completion of the Orthopedic Technology courses, a Certificate of Achievement. In addition to the orthopedic technology courses, the major requires selected general education courses to be successfully completed for the degree. Upon completion of all degree requirements, the graduate is eligible to sit for the certification exam as a Certified Orthopedic Technologist administered by the National Board for Certification of Orthopedic Technologists, Inc. (NBCOT).

Important: Any prior conviction of a misdemeanor or felony may influence eligibility for licensure or certification as an Orthopedic Technologist. A flagged background check or drug screen may also prohibit participation in the program, certification exam, or securing employment. Applicants with prior convictions are urged to contact the National Board for Certification of Orthopedic Technologists, Inc. (NBCOT) at 866-466-2268.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Orthopedic Assistant
Orthopedic Cast Specialist
Orthopedic Surgical Technician
Orthotic Assistant
Orthotics-Prosthetics Assistant
Prosthetics Assistant

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Articulate descriptions of orthopedic conditions based on the knowledge of anatomical structures and their relationships to one another.
2. Demonstrate the ability to apply, adjust, and remove all common orthopedic devices per hospital policy.
3. Demonstrate the knowledge of and the ability to execute aseptic technique when performing orthopedic procedures.
4. Demonstrate an adherence to the Standards of Practice and Code of Ethics of the National Association of Orthopedic Technologist that will reflect the ethical, legal and moral responsibilities of the Orthopedic Technologists.

All Allied Health and Nursing students adhere to the graduation requirements outlined in the college catalog for the academic year in which they enter the program.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
OT-110	Orthopedic Anatomy and Physiology	5
OT-111	Orthopedic Techniques I	4
OT-112	Introduction to Clinical Practicum	3
OT-210	Diagnosis and Treatment of Orthopedic Disorders I	5
OT-211	Orthopedic Techniques II	4
OT-212	Supervised Hospital Clinical Practicum I	3
OT-214	Supervised Hospital Clinical Practicum II	4
OT-215	Diagnosis and Treatment of Orthopedic Disorders II	3
Total Units		**31**

Plus General Education and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Orthopedic Technology. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Pastry Arts Associate in Science and Certificate of Achievement



The Culinary Arts-Pastry Arts Associate Degree focuses on the development of flexible skills and knowledge essential for success in a cooking career. Modern food service is evolving rapidly thus providing tremendous variety of workplaces from the exclusive dining room to the school cafeteria, from small intimate restaurants to the large hotel restaurants and catering facilities. Other opportunities include catering and personal chef. The associate degree will enable the student to understand the workings of food and the interplay among ingredients, cooking methods, cost factors, nutrition and a satisfying dining experiences.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Baker
Banquet Chef
Boucher
Breakfast Cook
Cafeteria Manager
Cake Decorator
Catering Manager
Cook
Cook's Assistant
Cookbook Author
Dining Room Manager
Executive Chef
Food and Beverage Manager
Food Researcher
Food Server / Wait Person

Food Stylist
Garde Manager Chef
Kitchen Manager
Master Chef
Menu Consultant
Menu Planner
Pantry Cook
Pastry Chef
Personal Chef
Private Chef
Purchasing Steward
Recipe Developer
Recipe Tester
Restaurant Critic
Restaurant Manager
Restaurant Owner
Sous Chef

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate critical thinking in the food service environment.
    2. Demonstrate appropriate behaviors in the work place environment.
    3. Apply job acquisition skills.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CA-160	Banquet Service Production	3
CA-165	Sanitation for Food Service	1
CA-169	Essential Skills for Culinary Arts	3
CA-171	Intermediate Culinary Skills	3
CA-174	Principles of Baking and Pastry Making	3
CA-176	Advanced Baking and Pastry Arts	3
CA-177	Commercial Baking	3
CA-180	Advanced Food Preparation for Fine Dining	3
CA-183	Pastry Skills in Bread Baking	3
CA-184	Pastry Skills in Chocolate Preparation	3
CA-185	Sugar Work, Petit Fours, and Specialty Pastries	3
CA-186	Pastry Skills in Cake Decorating	3
CA-280	Culinary Career Preparation	1
CA-281	Work Experience in Culinary Arts	2
CA-282	Advanced Work Experience in Culinary Arts	2
Select one of the following:		3
CA-164	International Cooking	
CA-167	Wines of the World	
CA-175	Healthy Lifestyle Cuisine	
CA-178	Garde Manger	
NUTR-155	Introduction to Nutrition	
Total Units		**42**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the requirements listed above for the major qualifies for the Certificate of Achievement in Pastry Arts. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Pastry Cook Certificate of Achievement



The Pastry Cook certificate prepares the student who has no exposure to the field and those with limited experience to immediately enter any food service operation (bakery, pastry department) in a pastry cook entry-level position with greater opportunity for advancement. The food service industry offers unlimited career opportunities and valuable experience in bakery and pastry department settings. The foundation courses that can be completed in one or two semesters may lead to a Certificate of Achievement in Culinary Arts or with general education courses, an Associate of Science Degree in Culinary Arts.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CA-165	Sanitation for Food Service	1
CA-169	Essential Skills for Culinary Arts	3
CA-174	Principles of Baking and Pastry Making	3
CA-176	Advanced Baking and Pastry Arts	3
CA-177	Commercial Baking	3
Total Units		**13**

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Pastry Cook. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Philosophy Associate in Arts



Philosophy is arguably the oldest intellectual discipline, and yet remains one of the most relevant. Philosophers critically question the foundations of past and contemporary world views. In our discipline, we study the views of Plato, Confucius, Ibn Sina, Aquinas, Sor Juana, Kant, Octavio Paz, Nietzsche, Simone de Beauvoir, Einstein, and Cornell West, to name just a few. Each of these intellectual giants establishes a new framework from which to assess our own realities, values, and experiences. This major not only provides a solid, diverse, and inclusive background

for transfer to four-year institutions, but also satisfies those who find common, everyday answers lacking. Those who believe the unexamined life is not worth living will gain much from the study of Philosophy as its study is transformative. Additionally, the degree prepares students for a surprisingly wide array of careers.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Analyst[1]
Archivist[1]
Biographer[1]
College Administrator[1]
Consultant
Cultural Affairs Officer[1]
Ethicist
Etymologist[1]
Insurance Agent / Broker
Journalist
Lawyer[1]
Librarian[1]
Marketing Manager
Manuscript Reader
Philosopher
Policy Analyst
Reporter
Sales Representative
Philologist[1]
Teacher / Professor[1]
Writer

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Recall, explain, and locate theories and concepts into philosophical traditions, eras, and modes of inquiry; and
    2. Analyze individual and institutional belief systems, including one's or their own, to evaluate philosophical assumptions about truth, ontology, values, reasoning, and methodology; and
    3. Utilize those evaluations in the creation of revised justified beliefs; and
    4. Apply philosophical methodologies to everyday encounters and inquiries.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
PHIL-110	A General Introduction to Philosophy	3
PHIL-145	Social and Political Philosophy	3
Select one of the following:		3
PHIL-115	History of Philosophy I: Ancient and Medieval	
PHIL-117	History of Philosophy II: Modern and Contemporary	
Select two of the following:		6
Any course from above not already used or		
PHIL-120	Asian and Pacific Philosophies	
PHIL-160	Latin American Philosophy	
Select two of the following:		6
Any course from above not already used or		
PHIL-111	Philosophy and Popular Culture	
PHIL-140	Problems in Ethics	
PHIL-141	Bioethics	
PHIL-150	The Philosophy of Art	
PHIL-155	The Philosophy of Science	
Total Units		**21**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

[1] Recommended for students planning to major in philosophy at a university.

Associate Degree for Transfer℠

Philosophy for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Philosophy for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

Philosophy represents one of the oldest disciplines at any college, and yet remains one of the most contemporary. Students of this subject are trained in the methodologies facilitating the critical investigation of received notions of truth, justice, knowledge, and beauty, and to rethink such unexamined views. This major not only provides a solid background for transfer in the subject to four-year institutions, but also satisfies anyone who finds common answers lacking. As such, Philosophy is a must in our times. Students should speak with a Counselor to verify that the requirements for either or both degrees have been met. In addition, students planning to transfer to SDSU or UCSD should consult with a counselor or Philosophy faculty member.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.

5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Recall, explain, and locate theories and concepts into philosophical traditions, eras, and modes of inquiry; and
    2. Analyze individual and institutional belief systems, including one's or their own, to evaluate philosophical assumptions about truth, ontology, values, reasoning, and methodology; and
    3. Utilize those evaluations in the creation of revised justified beliefs; and
    4. Apply philosophical methodologies to everyday encounters and inquiries.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
Select two of the following:		6
PHIL-110	A General Introduction to Philosophy	
or PHIL-140	Problems in Ethics	
PHIL-130	Logic	
List A		
Select one of the following:		3
Any Required Core not already used, or		
PHIL-115	History of Philosophy I: Ancient and Medieval	
PHIL-117	History of Philosophy II: Modern and Contemporary	
List B		
Select two of the following:		6
Any List A course not already used, or		
PHIL-125	Critical Thinking and Philosophical Composition	
PHIL-145	Social and Political Philosophy	
List C		
Select one of the following:		3
Any List A or List B course not already used, or		
PHIL-111	Philosophy and Popular Culture	
PHIL-120	Asian and Pacific Philosophies	
PHIL-141	Bioethics	
PHIL-150	The Philosophy of Art	
PHIL-155	The Philosophy of Science	
PHIL-160	Latin American Philosophy	
Units in the major		**18**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Photography Associate in Arts



The Associate of Arts in Photography provides students an in-depth study into the practice and critical discourse of photography, photographic seeing and lens-based culture as a visual document of creative expression and communication. The fundamentals of analog and digital photography are set within a series of foundation, intermediate and advanced courses which reference the rich history of the medium as well as contemporary practice, providing students the opportunity to define his or her path whether it is transfer, career development and/or personal enrichment.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Create photographic works that demonstrate the comprehension, knowledge and application of photography's visual, aesthetic and technical attributes in developing a personal photographic vision.
2. Demonstrate application of critical thinking practices in describing, interpreting and evaluating the visual themes and concepts with photography's historical and contemporary contexts.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
ART-120	Two-Dimensional Design	3
ART-124	Drawing I	3
ART-129	Three-Dimensional Design	3
ART-140	Survey of Western Art I: Prehistory Through Middle Ages	3
or ART-141	Survey of Western Art II: Renaissance Through Modern	
ART-171	Introduction to Digital Art	3
ART-210	Introduction to Printmaking	3
PHOT-150	Introduction to Photography	3
PHOT-151	Personal Photographic Vision	3
PHOT-154	History of Photography	3
PHOT-252	Photographer's Portfolio	3
Total Units		**30**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Photography Certificate of Achievement



The Certificate of Achievement in Photography provides students an in-depth study into the practice and critical discourse of photography, photographic seeing and lens-based culture as a visual document of creative expression and communication. The fundamentals of analog and digital photography are set within a series of foundation, intermediate and advanced courses which reference the rich history of the medium as well as contemporary practice, and any student who chooses to complete the courses listed qualifies for the Certificate of Achievement.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
ART-171	Introduction to Digital Art	3
ART-210	Introduction to Printmaking	3
PHOT-150	Introduction to Photography	3
PHOT-151	Personal Photographic Vision	3
PHOT-154	History of Photography	3
PHOT-252	Photographer's Portfolio	3
Total Units		**18**

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Photography. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Physics Associate in Science

The Associate in Science Physics Degree Program offers a secure foundation for further study in physics or engineering. The primary emphasis of the program is to prepare students for transfer to four-year institutions as science or engineering majors. Students are asked to consult the catalog of the transfer institution for specific requirements.

In addition to the required and elective courses, physics students are expected to attend at least four physics or engineering colloquia in their last semester.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Aerodynamist[1]
Airplane Navigator[1]
Air Pollution Operating Specialist
Ballistics Expert
Engineer (Mechanical, Electrical)[1]
Hydrologist[1]
Instructor / Professor[1]
Industrial Hygienist
Pharmacist[1]
Physicist (Mechanical, Laser, Electrical, Optics, etc.)[1]
Premedical[1]

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Students will apply the fundamental principles of physics to real world or idealized situations.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CHEM-141	General Chemistry I	5
CHEM-142	General Chemistry II	5
MATH-180	Analytic Geometry and Calculus I	5
MATH-280	Analytic Geometry and Calculus II	4
MATH-281	Multivariable Calculus	4
PHYC-201	Mechanics and Waves	5
PHYC-202	Electricity, Magnetism, and Heat	5
PHYC-203	Light, Optics, and Modern Physics	5
Total Units		**38**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Associate Degree for Transfer℠

Physics for Transfer (AS-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Science in Physics for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The Associate of Science in Physics for Transfer Degree Program offers a secure foundation for further study in physics or engineering. The primary emphasis of the program is to prepare students for transfer to four-year institutions as science or engineering majors. Students are asked to consult the catalog of the transfer institution for specific requirements.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.

4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. 1. Students will apply the fundamental principles of physics to real world or idealized situations.

Associate in Science for Transfer Degree Requirements

Code	Title	Units
Required Core		
PHYC-201	Mechanics and Waves	5
PHYC-202	Electricity, Magnetism, and Heat	5
PHYC-203	Light, Optics, and Modern Physics	5
MATH-180	Analytic Geometry and Calculus I	5
MATH-280	Analytic Geometry and Calculus II	4
MATH-281	Multivariable Calculus	4
Units in the major		**28**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Political Science Associate in Arts



Political Science is perhaps the oldest organized academic discipline in western civilization, and a major in this field prepares students for a variety of challenges. A major in political science can lead to a transfer to a university where one can continue work leading to a baccalaureate degree in political science, public administration or public policy.
In addition, there are selected entry level positions in business and government open to the graduate with an Associate in Arts degree in Political Science. Some individuals follow the steps necessary to go beyond an undergraduate degree and enter graduate schools leading to careers in law, government service, or industry.

Outlined below is the program that fulfills the lower division requirements for most majors in political science in universities. For special requirements, the student should consult the baccalaureate granting institution he/she is considering for matriculation.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Book Critic
City Manager[1]
Congressional District Aide
Consular Officer[1]
Diplomatic Officer[1]
Election Supervisor
Fund Raising Director[1]
Intelligence Specialist[1]
Labor Relations Specialist[1]
Lawyer[1]
Paralegal Assistant
Research Assistant
Urban Planner[1]

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Think critically and effectively express their views in written and verbal communication.
    2. Demonstrate the skills for contemporary world citizenship.
    3. Demonstrate a basic understanding of US and world politics as well as the broad discipline of political science.
    4. Pursue advanced study in political science and relevant career-oriented programs.
    5. Critically analyze the nature of power in political systems including the roles played by institutional and non-institutional actors.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
POSC-120	Introduction to Politics and Political Analysis	3
POLS-C1000	American Government and Politics	3
Select three of the following: [1]		9
POSC-124	Introduction to Comparative Government and Politics	
POSC-130	Introduction to International Relations	
POSC-140	Introduction to California Governments and Politics	
POSC-145	Introduction to Latin American Government and Politics	
POSC-147	Introduction to Middle East Government and Politics	
POSC-148	American Foreign Policy	
POSC-150	Introduction to Political Theory	
POSC-155	State and Society in the Asia Pacific	
ECON-120	Principles of Macroeconomics	3
or GEOG-130	Human Geography: The Cultural Landscape	
Total Units		**18**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

[1] After consultation with a member of the political science faculty and a counselor because of differences in transfer requirements at various four year institutions.

Recommended Electives

Students planning to complete a baccalaureate degree in political science are **strongly** advised to consult with a faculty advisor in political science at Grossmont College and take the following courses:

Code	Title	Units
ANTH-120	Cultural Anthropology	3
ECON-215	Statistics for Business and Economics	4
or STAT-C1000	Introduction to Statistics	
HIST-108	Early American History	3
HIST-109	Modern American History	3
POSC-135	Model United Nations	1
SOC-120	Introductory Sociology	3

Associate Degree for Transfer℠

Political Science for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Political Science for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

Political Science is perhaps the oldest organized academic discipline in western civilization, and a major in this field prepares students for a variety of challenges. This transfer degree in political science can lead to a transfer to a university where one can continue work leading to a baccalaureate degree in political science, public administration or public policy. In addition, there are selected entry level positions in business and government open to the graduate with an Associate in Arts degree in Political Science. Some individuals follow the steps necessary to go beyond an undergraduate degree and enter graduate schools leading to career in law, government service, national security, or industry. Outlined below is the program that fulfills the lower division requirements for most majors in political science in universities. For special requirements, the student should consult the baccalaureate granting institution he/ she is considering for matriculation.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Think critically and effectively express their views in written and verbal communication.
    2. Demonstrate the skills for contemporary world citizen.
    3. Demonstrate a basic understanding of US and world politics as well as the broad discipline of political science.
    4. Pursue advanced study in political science and relevant career-oriented programs.
    5. Critically analyze the nature of power in political systems including the roles played by institutional and non-institutional actors.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
Select three of the following:		**9**
POSC-124	Introduction to Comparative Government and Politics	
POSC-130	Introduction to International Relations	
POSC-150	Introduction to Political Theory	
POLS-C1000	American Government and Politics	
List A		
Select two of the following:		7
Any Require Core course not used, or		
POSC-120	Introduction to Politics and Political Analysis	
STAT-C1000	Introduction to Statistics	
or ANTH-215	Statistics for the Behavioral Sciences	
or PSY-215	Statistics for the Behavioral Sciences	
or SOC-215	Statistics for the Behavioral Sciences	
or ECON-215	Statistics for Business and Economics	
List B		**3**
Select one of the following:		
Any Required Core or List A course not used, or		
ECON-110	Economic Issues and Policies	
ECON-120	Principles of Macroeconomics	
ECON-121	Principles of Microeconomics	
POSC-140	Introduction to California Governments and Politics	
POSC-145	Introduction to Latin American Government and Politics	
POSC-147	Introduction to Middle East Government and Politics	
POSC-148	American Foreign Policy	
POSC-155	State and Society in the Asia Pacific	

Units in the major	**19**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)	34
Total Units	**60**

Complete transferable units as needed to reach 60.

Prep Cook Certificate of Achievement



The Prep Cook certificate prepares the student who has no exposure to the field and those with limited experience to immediately enter any food service operation in a prep cook entry-level position with greater opportunity for advancement. The food service industry offers unlimited career opportunities and valuable experience. The foundation courses that can be completed in one or two semesters may lead to a Certificate of Achievement in Culinary Arts or with general education courses, an Associate of Science Degree in Culinary Arts.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CA-160	Banquet Service Production	3
CA-165	Sanitation for Food Service	1
CA-169	Essential Skills for Culinary Arts	3
CA-172	Principles of Soup, Stock and Sauce Preparation	3
CA-180	Advanced Food Preparation for Fine Dining	3
Total Units		**13**

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Prep Cook. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Programmable Logic Controllers Certificate of Achievement



This Certificate of Achievement is preparing students for entry level positions programming PLCs for industrial automation. The curriculum provides the student with practical experience using the state-of-the-art software and hardware typically found in the field of industrial automation.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Students will be able to program the Programmable Logic Controllers and Distributed Controller Systems.
2. Students will be able to implement industrial automation solutions using Programmable Logic Controllers or Distributed Controller Systems.
3. Students will be able to demonstrate and explain their solutions.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CSIS-112	Windows Operating System	3
or CSIS-113	Introduction to Linux	
CSIS-119	Introduction to Computer Programming	3
CSIS-121	Introduction to Cybersecurity	3
CSIS-250	Introduction to Python Programming	4
CSIS-255	Introduction to Programmable Logic Controllers	4
Total Units		**17**

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Programmable Logic Controllers. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.



Psychology for Transfer (AA-T)



In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Psychology for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

Psychology is a diverse discipline, grounded in science, but with nearly boundless applications in everyday life. Some psychologists do basic research, developing theories and testing them through carefully honed research methods involving observation, experimentation and analysis. Other psychologists apply the discipline's scientific knowledge to help people, organizations and communities function better (APA).

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.

4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Identify, explain, and compare and contrast the major theoretical perspectives in psychology.
    2. Evaluate psychological information using the scientific method.
    3. Apply appropriate statistical analyses to quantitative data.
    4. Apply principles of psychology to the understanding of self and others.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
PSY-215	Statistics for the Behavioral Sciences	4
or ANTH-215	Statistics for the Behavioral Sciences	
or SOC-215	Statistics for the Behavioral Sciences	
or STAT-C1000	Introduction to Statistics	
PSY-205	Research Methods in Psychology	4
PSYC-C1000	Introduction to Psychology	3
List A		
Select one of the following:		3-4
BIO-120	Principles of Biology	
PSY-140	Physiological Psychology	
List B		
Select one of the following:		3-4
Any List A course not used above, or		
PSY-150	Developmental Psychology	
PSY-201	Academic and Career Opportunities in Psychology	
PSY-211	Cognitive Psychology	
List C		
Select one of the following:		3-4
Any List A or List B course not already used, or		
PSY-138	Social Psychology	
PSY-170	Abnormal Psychology	
PSY-220	Learning	
Units in the major		**20-22**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Respiratory Therapy Associate in Science

Refer to Admission: Respiratory Therapy (RESP) Program in* Admission Information (p. 18)*for special admission procedures and criteria.

Respiratory Therapists, also known as Respiratory Care Practitioners are allied health professionals trained and educated to care for patients in need of cardio-pulmonary support. Respiratory therapist assess, use diagnostic tests to evaluate, treat, educate, and provide care to patients from birth until the end-of-life. A respiratory therapist has probably provided you with care if you have or have ever had asthma, chronic obstructive pulmonary disease, pneumonia, suffered trauma, delivered a baby prematurely or by cesarean section, suffered a respiratory or cardiac arrest, or needed life support.

Specific testing techniques are employed in respiratory therapy to assist in diagnoses, monitoring, treatment and research. This includes measurement of ventilatory volumes, pressures and flows and blood gas analyses.

For all information on admission criteria, see the Respiratory Therapy Program website at https://www.grossmont.edu/academics/programs/health-professions/respiratory-therapy/

Grossmont College prepares the student for an Associate Degree in Science in Respiratory Therapy. In addition to the respiratory therapy courses, the major requires selected general education courses to be successfully completed for the degree. Upon completion of all degree requirements, the graduate is eligible to apply for the licensing exam administered by the National Board for Respiratory Care (NBRC). All states, excluding Alaska require licensure to practice as an RT.

The Associate Degree in Respiratory Therapy Program is accredited through the Commission on Accreditation for Respiratory Care (CoARC) located at 264 Precision Blvd., Telford, TN 37690. https://coarc.com/

Graduates of the RT program are also eligible to transfer into a BSRT program upon completion of the program. Appropriate courses are fully accepted on transfer by the University of California, the California State University and by private four-year colleges and universities.

Important: Any prior conviction of a misdemeanor or felony may influence eligibility for licensure as a Respiratory Therapist. A flagged background check or drug screen may also prohibit participation in the RT program and securing employment. Applicants with prior convictions are urged to contact the Respiratory Care Board of California (RCB) at 866-375-0386.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Asthma Educator
Clinician
Critical Care Specialist
Department Supervisor[1] / Manager[2]
Educator (Academic)[2]
Equipment Sales Representative

Health Educator
Home Care Respiratory Specialist
Industrial Consultant
Medical Researcher[2]
Neonatal / Pediatric Respiratory Specialist
Pulmonary Function Specialist
Pulmonary Rehabilitation Specialist

[1] Bachelor's degree recommended.
[2] Bachelor's degree or higher.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate the ability to comprehend, apply and evaluate clinical information relevant to his/her role as a Respiratory Therapist.
2. Demonstrate the technical proficiency in all the skills necessary to fulfill the role as a Respiratory Therapist.
3. Demonstrate personal behaviors consistent with professional and employer expectations as a Respiratory Therapist.

All Allied Health and Nursing students adhere to the graduation requirements outlined in the college catalog for the academic year in which they enter the program.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
RESP-101	Respiratory Therapy Orientation	0.5
RESP-105	Cardiopulmonary Physiology and Disease Entities	4
RESP-108	Basic Respiratory Therapy Equipment, Procedures and Life Support Systems	5
RESP-112	Supervised Clinical Practicum I	1.5
RESP-114	Cardiopulmonary Pharmacology	2
RESP-116	Assessment in Respiratory Care	2.5
RESP-118	Critical Care Life Support Equipment and Procedures	4.5
RESP-122	Supervised Clinical Practicum II	3
RESP-150	Neonatal Pediatric Respiratory Care	3
RESP-201	Cardiopulmonary Pathology and Pathophysiology	4
RESP-205	Professionalism and Career Preparation for Respiratory Therapy	3.5
RESP-208	Invasive and Noninvasive Cardiopulmonary Monitoring	4
RESP-222	Supervised Clinical Practicum III	4
RESP-232	Supervised Clinical Practicum IV	4
RESP-268	Respiratory Therapy Home Care Techniques	2.5
Total Units		**48**

Recommended Electives

Code	Title	Units
RESP-270	Respiratory Therapy Review	2

Retail Management Associate in Science and Certificate of Achievement

Retail sales and management is one of the largest fields for employment in the United States. This program is designed to provide the foundation for advancement from entry level positions to management in retailing. Career opportunities are plentiful in food chains, department stores, specialized small and large retail outlets, and small stores. A certificate or degree in the program greatly enhances a part-time or full-time employee's opportunity to progress in a career in this large, growing industry.

Note: This major meets the core retail management curriculum recommended by the Western Association of Food Chains for employees who wish to prepare for management positions.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Department Manager
District Manager
Human Resources Assistant
Marketing Manager
Merchandise Manager
Office Manager
Retail Store Manager
Sales Manager
Store Owner / Operator

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate knowledge of the history of contemporary and traditional retail practices including basic consumer laws and regulation for consumer protection.
    2. Identify and apply the basic economic retail principles of pricing, quality, customer service and ethics.
    3. Discuss communication from retailer to customer including such forms as visual merchandising, personal selling, advertising, sales promotions, internet sales and advertising and public relations.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BUS-109	Elementary Accounting	3
BUS-115	Human Relations in Business	3
BUS-118	Retail Management	3
BUS-128	Business Communication	3
BUS-146	Marketing	3
BUS-152	Business Mathematics	2

BUS-155	Human Resources Management	3
BUS-156	Principles of Management	3
COMM-C1000	Introduction to Public Speaking	3
CSIS-110	Principles of Information Systems	4
Total Units		**30**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Retail Management. An official request must be filed with the Admissions and Records Office prior to the deadline stated in the Academic Calendar.

Russian Associate in Arts and Certificate of Achievement



This program is designed to provide students with skills in understanding, speaking, reading, and writing Russian. It also gives students a greater understanding of Russian culture and civilization and prepares them for greater international and domestic career opportunities. For the suggested sequence of courses to be taken, and/or for assistance in transferring to a four-year institution, students should consult the Counseling Center or the Department of Foreign Languages.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Advertising
Bilingual Aide
Foreign Correspondent[1]
Foreign Broadcast Specialist[1]
Import-Export Agent
In-Country Representative
Intelligence Specialist
Journalist[1]
Manufacturer's Representative
Sales Person
Scientist Linguist
Teacher / Professor[1]
Translator / Interpreter[1]
Travel Agent
United Nations Guide

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Utilize more complex vocabulary and grammatical structures to communicate and discuss hypothetical situations dealing with nature, city, life, health, and well-being, professions and occupations, the arts, current events, and politics.
2. Utilize more complex vocabulary and grammatical structures to write about situations dealing with nature, city life health and well-being, professions and occupations, the arts, current events, and politics.
3. Use language and vocabulary skills developed in class to read, analyze, and interpret authentic texts.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
HIST-105	Early Western Civilization	3
RUSS-120	Russian I	5
RUSS-121	Russian II	5
RUSS-220	Russian III	5
RUSS-221	Russian IV	5
RUSS-250	Conversational Russian I	3
RUSS-251	Conversational Russian II	3
Total Units		**29**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Russian. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Security Management Associate in Science and Certificate of Achievement



Students planning careers in Administration of Justice may elect a program from the four options that follow: Law Enforcement, Corrections, Forensic Technology or Security Management. The programs are designed to meet lower division university transfer, job entry, or promotion requirements, depending on student need.

Students seeking employment with local, state or federal law enforcement agencies specialize in Law Enforcement. Students seeking careers in a jail or prison system, parole, probation or certain aspects of social work may specialize in Corrections. Students who desire a career in scientific criminal investigation and in crime laboratories may specialize in Forensic Technology. Students interested in government, homeland defense, or corporate security, should pursue the Security Management area of emphasis.

The Administration of Justice Department also offers a Police Academy, Corrections Academy, Security Academy, and Public Safety Dispatch course.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

- Adjudicator/Judge[1]
- Arson Investigator
- Bar Examiner[1]
- Correctional Officer
- Crime Lab/Forensic Technician
- Dispatcher
- District Attorney[1]
- Lawyer/Prosecutor/Public Defender[1]
- Evidence Technician/Specialist
- Federal Law Enforcement[1]
  - Border Patrol Agent[1]
  - FBI[1]
  - Immigration and Customs Enforcement
  - Postal Inspector
  - Transportation Security Administration Officer
  - Treasury Agent[1]
  - Secret Service[1]
  - U.S. Marshall[1]
- Fingerprint Examiner
- Forensic Scientist[1]
- Forensic Specialist
- Fraud/Forgery Investigator
- Latent Print Examiner
- Parole/Probation Officer
- Police Officer/Deputy Sheriff/Highway Patrol
- Security Director*
- Security Manager
- Security Officer
- Traffic Officer

[1] Bachelor's Degree or higher is usually required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
   1. Demonstrate knowledge, skills, and abilities relevant to the AOJ certificate / degree program completed.
   2. Demonstrate ethical and professional behavior.
   3. Communicate effectively, in written, verbal and non-verbal forms.
   4. Identify the major components of the criminal justice system, current and historical, including laws enforcement, courts and corrections.
   5. Describe and/or demonstrate the stages of a criminal investigation and the protocol of evidence collection, preservation, and analysis.

The Security Management program leads to a Certificate of Achievement and/or Associate Degree and is designed to prepare individuals for entry level management positions in loss prevention and asset protection in government and business. Security management is one of the fastest growing public safety and business-related occupations. Career opportunities exist in a wide variety of public and private organizations including contract service, government, healthcare, homeland defense, industrial, entertainment, sports, retail, and transportation environments. Salaries for security managers are competitive with those found in public law enforcement and business management occupations.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
AOJ-110	Introduction to Administration of Justice	3
AOJ-111	Introduction to Security Management	3
AOJ-201	Legal Aspects of Security Management	3
AOJ-207	Investigative Techniques for Security Management	3
AOJ-230	Public Safety Communications	3
AOJ-240	Community and the Justice System	3
AOJ-260	Information Security	3
AOJ-264	Terrorism and Homeland Security	3
Total Units		**24**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Security Management. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Sleep Disorders, Diagnostic Procedures, and Treatment Certificate of Proficiency



Certificates of Proficiency are designed for the student who needs to be prepared for effective interaction in a diverse workplace or other settings. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. These certificates will not appear on a student's transcript.

This certificate accompanies the completion of RESP-220 "Sleep Disorders, Diagnostic Procedures, and Treatments" with a letter grade of "C" or higher. It prepares the student to effectively work in an entry level position in sleep medicine.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Evaluate results of sleep studies and recommend appropriate treatment.
2. Demonstrate appropriate knowledge of patient preparation for specific sleep studies.

Note: Course must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
RESP-220	"Sleep Disorders, Diagnostic Procedures, and Treatments"	4
Total Units		**4**

Associate Degree for Transfer℠

Sociology for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Sociology for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

Sociology is the study of human social life. It is a broad discipline, grounded in science, with many applications for daily life. A major in sociology offers a rigorous preparation to students planning undergraduate and graduate work in sociology, political science, and other social and behavioral sciences. In addition, sociological education is an excellent background for professional training in law, business, education, and social work. Majoring in sociology provides a solid liberal education, and it is an excellent choice for undergraduates who are planning careers in the private sector, government, and non-profit organizations.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Identify, explain, and compare and contrast the major theoretical perspectives in sociology.
    2. Identify and explain the principles of social scientific research methodology.
    3. Explain sociologically inequalities of class, race, ethnicity, gender, and age in modern and pre-modern societies.
    4. Use SPSS for the analysis of quantitative data.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
SOC-120	Introductory Sociology	3
SOC-130	Contemporary Social Problems	3
SOC-215	Statistics for the Behavioral Sciences	4
or ANTH-215	Statistics for the Behavioral Sciences	
or PSY-215	Statistics for the Behavioral Sciences	
or STAT-C1000	Introduction to Statistics	
List A		
Select two of the following:		6-7
PSY-205	Research Methods in Psychology	
SOC-114	Introduction to Race & Ethnicity	
or ETHN-114	Introduction to Race & Ethnicity	
SOC-125	Marriage, Family, and Alternate Lifestyles	
SOC-138	Social Psychology	
or PSY-138	Social Psychology	
SOC-140	Sex and Gender Across Cultures	
List B		
Select one of the following:		3
Any List A course not used above, or		
ANTH-120	Cultural Anthropology	
GEOG-130	Human Geography: The Cultural Landscape	
PSY-134	Human Sexuality	
SOC-150	Latinx Communities in the United States	
or ETHN-150	Latinx Communities in the United States	
Units in the major		**19-20**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Spanish Associate in Arts and Certificate of Achievement

This program is designed to provide students with skills in understanding, speaking, reading, and writing Spanish. It also gives students a greater understanding of Spanish culture and civilization and prepares them for greater international and domestic career opportunities.

For the suggested sequence of courses to be taken and/or for assistance in transferring to a four-year institution, students should consult the Counseling Center or the Department of World Languages.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Bilingual Aide
Border Patrol Officer
Buyer
Court Interpreter[1]
Counseling
Customs Agent / Inspector
Foreign Exchange Clerk
Foreign Student Advisor[1]
Interpreter[1]
Journalist[1]
Museum Curator[1]
Physician[1]
Scientific Linguist[1]
Tour Guide
Tutor

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Utilize more complex vocabulary and grammatical structures to communicate and discuss hypothetical situations dealing with nature, city, life, health, and well-being, professions and occupations, the arts, current events, and politics.
2. Utilize more complex vocabulary and grammatical structures to write about situations dealing with nature, city life, health and well-being, profession, and occupations, the arts, current events, and politics.
3. Use language and vocabulary skills developed in class to read, analyze, and interpret authentic texts.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
SPAN-120	Spanish I	5
SPAN-121	Spanish II	5
SPAN-220	Spanish III	5
or SPAN-122	Spanish for the Native Speaker I	
SPAN-221	Spanish IV	5
or SPAN-123	Spanish for the Native Speaker II	
SPAN-250	Conversational Spanish I	3
SPAN-251	Conversational Spanish II	3
Select one of the following:		3
HIST-114	Comparative History of the Early Americas	
HIST-115	Comparative History of the Modern Americas	
HIST-126	History of Mexico	
SPAN-141	Spanish and Latin American Cultures	
SPAN-145	Hispanic Civilizations	
ETHN-118	U.S. History: Chicano/Chicana Perspectives I	
or HIST-118	U.S. History: Chicano/Chicana Perspectives I	
ETHN-119	U.S. History: Chicano/Chicana Perspective II	
or HIST-119	U.S. History: Chicano/Chicana Perspectives II	
Total Units		**29**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who wishes to complete only the requirements listed above qualifies for a Certificate of Achievement in Spanish. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Associate Degree for Transfer℠

Spanish for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Spanish for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

This degree transfers to a university where one can continue work leading to a baccalaureate degree in Spanish, Spanish Literature, Linguistics, Latin American Studies, Comparative Literature, Translation and Interpretation, International Business and Bilingual Education. In addition, there are selected entry level positions in education and business open to the graduate with a degree in Spanish. Some individuals follow the steps necessary to go beyond an undergraduate degree and enter graduate schools leading to careers in higher education, Spanish Literature or Linguistics. For special requirements, the student should consult the baccalaureate granting institution he/she is considering for matriculation. A student may apply for this degree in conjunction with an Associate in Arts in Spanish degree provided the courses taken meet the requirements of both degrees. Students should speak with a counselor to verify that the requirements for either or both degrees have been met. In addition, students planning to transfer to SDSU should consult with a counselor.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Think critically and effectively express in Spanish their views in written and verbal communication.
    2. Compare and contrast the Hispanic culture with those of the learner in order to gain better understanding of the Spanish language, customs values, attitudes, patterns of behavior, and social mores.
    3. Acquire and demonstrate a deeper understanding of the Spanish language, customs, geography, art, music, institutions and culture in general of the Spanish speaking countries in order to understand the current language and culture and how they have evolved.
    4. Pursue advanced study in the Spanish language and relevant career-oriented programs.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
SPAN-120	Spanish I	5
SPAN-121	Spanish II	5
SPAN-220	Spanish III	5
or SPAN-122	Spanish for the Native Speaker I	
SPAN-221	Spanish IV	5
or SPAN-123	Spanish for the Native Speaker II	
List A		
Select one of the following:		3
ETHN-118	U.S. History: Chicano/Chicana Perspectives I	
or HIST-118	U.S. History: Chicano/Chicana Perspectives I	
ETHN-119	U.S. History: Chicano/Chicana Perspective II	
or HIST-119	U.S. History: Chicano/Chicana Perspectives II	
SPAN-141	Spanish and Latin American Cultures	
SPAN-250	Conversational Spanish I	
SPAN-251	Conversational Spanish II	
Units in the major		**23**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Associate Degree for Transfer℠

Studio Art for Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Studio Art for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The AA-T degree in Studio Art offers an engaged approach towards artistic practice and critical discourse through a variety and breadth of studio arts and art history courses, including two- and three-dimensional design, ceramics, digital art, drawing and painting, photography**,** and sculpture.

The Studio Art for Transfer degree is designed to provide academic knowledge and practical training in all aspects of studio art at the entry level in a flexible format. The curriculum provides the lower division courses necessary for transfer and guides students on a pathway of economic mobility in the arts. Students planning to transfer to SDSU or other CSU should consult with a counselor as well as the Visual Arts and Humanities department chair or art faculty.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Analyze and critically evaluate style and composition of artworks through written, verbal, and creative means.
    2. Explore, evaluate, analyze artwork within local and global contextual frameworks.
    3. Investigate, examine, and practice the creative process and motivations of art makers.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
ART-120	Two-Dimensional Design	3

ART-124	Drawing I	3
ART-129	Three-Dimensional Design	3
ART-141	Survey of Western Art II: Renaissance Through Modern	3
List A		
Select one of the following:		3
ART-140	Survey of Western Art I: Prehistory Through Middle Ages	
ART-142	Art of Africa, Oceania and the Americas	
ART-143	Modern Art	
ART-145	Contemporary Art	
ART-146	Asian Art	
List B		
Select three of the following:		9
ART-104	Artists and Designers Today	
ART-119	Color Theory	
ART-121	Painting I	
ART-125	Drawing II	
or ART-230	Figure Drawing I	
ART-126	Ceramics I	
ART-130	Sculpture I	
ART-131	Jewelry Design I	
ART-171	Introduction to Digital Art	
ART-210	Introduction to Printmaking	
PHOT-150	Introduction to Photography	
Units in the major		**24**
Plus General Education Requirements (CSU GE or IGETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Telemetry / ECG Technician Certificate of Achievement



All Allied Health and Nursing students adhere to the graduation requirements outlined in the college catalog for the academic year in which they enter the program.

The Telemetry/ECG Technician curriculum will prepare students with the skills necessary to gain employment as an ECG Technician, Exercise Treadmill Technician, Holter Monitor Technician, Pacemaker Technician, or Telemetry Technician. Students successfully completing the certificate are employable to hospitals and healthcare facilities throughout the country; and the program is designed to prepare the student for any of several national ECG/EKG or Telemetry Technician certification exams.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Identify and measure all components of an electrocardiogram.
2. Interpret all cardiac arrhythmias and artificially paced rhythms.
3. Be prepared to take any of several national ECG/EKG or Telemetry Technician certification exams.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CVTE-104	Fundamentals of Electrocardiographic Theory and Practice I	3
CVTE-105	Fundamentals of Electrocardiographic Theory and Practice Lab I	2
CVTE-106	Fundamentals of Electrocardiographic Theory and Practice II	5
CVTE-108	ECG/Telemetry Technician Career Preparation	2
Total Units		**12**

Theatre Arts Associate in Arts and Certificate of Achievement



The Theatre Arts major is designed to provide academic knowledge and practical technical training in all aspects of theatre arts at the entry level. The curriculum provides the essential lower division courses necessary for transfer to similar programs at four-year institutions, as well as assisting students towards employment in the professional and community theatre.

Career Opportunities

http://www.grossmont.edu/student-services/offices-and-services/careercenter/resources/default.aspx

Actor / Actress
Actors' Agent
Casting Director
Costume Designer[1]
Director[1]
Display Designer[1]
Light Technician[1]
Producer[1]
Production Stage Manager[1]
Sound Engineer
Special Effects Specialist[1]
Theatre Manager

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate an understanding and appreciation for a diverse spectrum of theatrical practices and experiences, and the role of the theatrical artform in culture and society.

2. Participate in high-quality, accessible theatrical productions and present them at a reasonable cost for our students and the community at large.
3. Understand and demonstrate the proper artistic conduct in all academic and professional environments.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
THTR-101	Introduction to Narrative Theory	3
THTR-110	Introduction to the Theatre	3
THTR-130	Acting I	3
THTR-134A	Fundamentals of Costume Design and Construction I	3
or THTR-134B	Fundamentals of Costume Design and Construction II	
THTR-155	Stagecrafts	3
or THTR-157	Fundamentals of Stage Lighting and Sound	
THTR-205	The American Musical on Stage and Screen	3
Select one of the following:		2
THTR-102A	Theatre Production Practicum: Costumes I	
or THTR-102B	Theatre Production Practicum: Costumes II	
or THTR-102C	Theatre Production Practicum: Costumes III	
or THTR-102D	Theatre Production Practicum: Costumes IV	
THTR-103A	Theatre Production Practicum: Sets I	
or THTR-103B	Theatre Production Practicum: Sets II	
or THTR-103C	Theatre Production Practicum: Sets III	
or THTR-103D	Theatre Production Practicum: Sets IV	
THTR-104A	Theatre Production Practicum: Lighting/ Sound I	
or THTR-104B	Theatre Production Practicum: Lighting/Sound II	
or THTR-104C	Theatre Production Practicum: Lighting/Sound III	
or THTR-104D	Theatre Production Practicum: Lighting/Sound IV	
THTR-111A	Rehearsal and Performance: Acting I	
or THTR-111B	Rehearsal and Performance: Acting II	
or THTR-111C	Rehearsal and Performance: Acting III	
or THTR-111D	Rehearsal and Performance: Acting IV	
THTR-112A	Rehearsal and Performance: Stage Management I	
or THTR-112B	Rehearsal and Performance: Stage Management II	
or THTR-112C	Rehearsal and Performance: Stage Management III	
or THTR-112D	Rehearsal and Performance: Stage Management IV	
THTR-113A	Rehearsal and Performance: Production Crew I	
or THTR-113B	Rehearsal and Performance: Production Crew II	
or THTR-113C	Rehearsal and Performance: Production Crew III	
or THTR-113D	Rehearsal and Performance: Production Crew IV	
Total Units		**20**

Note: Plus one area of emphasis selected from the following:

Acting Area of Emphasis

Code	Title	Units
THTR-115	Voice and Movement for the Stage	3
THTR-131	Acting II	3
THTR-207	Techniques of Directing I	3
or THTR-208	Techniques of Directing II	
THTR-230	Acting III	3
or THTR-132	Acting for the Camera	
or THTR-234A	Fundamentals of Musical Theatre - Performance I	
or THTR-234B	Fundamentals of Musical Theatre - Performance II	
or THTR-235A	Fundamentals of Musical Theatre - Scene/Song I	
or THTR-235B	Fundamentals of Musical Theatre - Scene/Song II	
Total Units		**12**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Recommended Electives

Code	Title	Units
Select one of the following:		2
THTR-111A	Rehearsal and Performance: Acting I	
THTR-111B	Rehearsal and Performance: Acting II	
THTR-111C	Rehearsal and Performance: Acting III	
THTR-111D	Rehearsal and Performance: Acting IV	

Technical Area of Emphasis

Code	Title	Units
THTR-136	Theatre Makeup I	3
THTR-143	Historic Costume for the Theatre	3
or THTR-144	20th Century Fashion and Costume	
THTR-155	Stagecrafts	3
or THTR-157	Fundamentals of Stage Lighting and Sound	
Select one of the following not already taken above:		2
THTR-102A	Theatre Production Practicum: Costumes I	
or THTR-102B	Theatre Production Practicum: Costumes II	
or THTR-102C	Theatre Production Practicum: Costumes III	
or THTR-102D	Theatre Production Practicum: Costumes IV	
THTR-103A	Theatre Production Practicum: Sets I	
or THTR-103B	Theatre Production Practicum: Sets II	
or THTR-103C	Theatre Production Practicum: Sets III	
or THTR-103D	Theatre Production Practicum: Sets IV	
THTR-104A	Theatre Production Practicum: Lighting/ Sound I	
or THTR-104B	Theatre Production Practicum: Lighting/Sound II	
or THTR-104C	Theatre Production Practicum: Lighting/Sound III	
or THTR-104D	Theatre Production Practicum: Lighting/Sound IV	
THTR-112A	Rehearsal and Performance: Stage Management I	
or THTR-112B	Rehearsal and Performance: Stage Management II	
or THTR-112C	Rehearsal and Performance: Stage Management III	
or THTR-112D	Rehearsal and Performance: Stage Management IV	

THTR-113A	Rehearsal and Performance: Production Crew I	
or THTR-113B	Rehearsal and Performance: Production Crew II	
or THTR-113C	Rehearsal and Performance: Production Crew III	
or THTR-113D	Rehearsal and Performance: Production Crew IV	
Total Units		**11**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the requirements listed above under Theatre Arts core curriculum plus one of the areas of emphasis qualifies for a Certificate of Achievement in Theatre Arts, Acting or Theatre Arts, Technical. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Associate Degree for Transfer℠

Theatre Arts For Transfer (AA-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Arts in Theater Arts for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

The Theatre Arts department is designed to provide academic knowledge and practical technical training in all aspects of theatre arts at the entry level. The curriculum provides the essential lower division courses necessary for transfer to similar programs at four-year institutions, as well as assisting students towards employment in the professional and community theatre.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Demonstrate an understanding and appreciation for a diverse spectrum of theatrical practices and experiences, and the role of the theatrical artform in culture and society.
    2. Participate in high-quality, accessible theatrical productions and present them at a reasonable cost for our students and the community at large.
    3. Understand and demonstrate the proper artistic conduct in all academic and professional environments.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
THTR-110	Introduction to the Theatre	3
or THTR-205	The American Musical on Stage and Screen	
THTR-130	Acting I	3
Select three units maximum from the following:		3
THTR-102A	Theatre Production Practicum: Costumes I	
THTR-102B	Theatre Production Practicum: Costumes II	
THTR-102C	Theatre Production Practicum: Costumes III	
THTR-102D	Theatre Production Practicum: Costumes IV	
THTR-103A	Theatre Production Practicum: Sets I	
THTR-103B	Theatre Production Practicum: Sets II	
THTR-103C	Theatre Production Practicum: Sets III	
THTR-103D	Theatre Production Practicum: Sets IV	
THTR-104A	Theatre Production Practicum: Lighting/Sound I	
THTR-104B	Theatre Production Practicum: Lighting/Sound II	
THTR-104C	Theatre Production Practicum: Lighting/Sound III	
THTR-104D	Theatre Production Practicum: Lighting/Sound IV	
THTR-111A	Rehearsal and Performance: Acting I	
THTR-111B	Rehearsal and Performance: Acting II	
THTR-111C	Rehearsal and Performance: Acting III	
THTR-111D	Rehearsal and Performance: Acting IV	
THTR-112A	Rehearsal and Performance: Stage Management I	
THTR-112B	Rehearsal and Performance: Stage Management II	
THTR-112C	Rehearsal and Performance: Stage Management III	
THTR-112D	Rehearsal and Performance: Stage Management IV	
THTR-122A	Theatre Workshop Laboratory: Acting I	
THTR-122B	Theatre Workshop Laboratory: Acting II	
THTR-122C	Theatre Workshop Laboratory: Acting III	
THTR-122D	Theatre Workshop Laboratory: Acting IV	

THTR-123A	Theatre Workshop Laboratory: Construction I	
THTR-123B	Theatre Workshop Laboratory: Construction II	
THTR-123C	Theatre Workshop Laboratory: Construction III	
THTR-123D	Theatre Workshop Laboratory: Construction IV	
List A		
Select nine units from the following:		9
THTR-101	Introduction to Narrative Theory	
THTR-131	Acting II	
THTR-134A	Fundamentals of Costume Design and Construction I	
THTR-155	Stagecrafts	
THTR-156	Fundamentals of Scenic Design	
THTR-157	Fundamentals of Stage Lighting and Sound	
Units in the major		**18-19**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Theatre Arts Technical Training Program Associate in Arts and Certificate of Achievement



The Theatre Arts Technical Training Program is designed to provide technical theatre skills and practical technical theatre training in all aspects of Technical Theatre. The curriculum prepares students for entry-level technical employment in the professional and community theatre.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
THTR-101	Introduction to Narrative Theory	3
THTR-134A	Fundamentals of Costume Design and Construction I	3
or THTR-134B	Fundamentals of Costume Design and Construction II	
Select one of the following:		2-3
THTR-136	Theatre Makeup I	
THTR-140A	Costume Patternmaking I	
THTR-140B	Costume Patternmaking II	
THTR-155	Stagecrafts	3
THTR-156	Fundamentals of Scenic Design	3
THTR-157	Fundamentals of Stage Lighting and Sound	3
Select one of the following:		1-3
THTR-241	Theatre Arts Technical Internship	
THTR-242	Theatre Arts Technical Internship	
THTR-243	Theatre Arts Technical Internship	
Select four courses from the following:		8
THTR-102A	Theatre Production Practicum: Costumes I	
THTR-102B	Theatre Production Practicum: Costumes II	
THTR-102C	Theatre Production Practicum: Costumes III	
THTR-102D	Theatre Production Practicum: Costumes IV	
THTR-103A	Theatre Production Practicum: Sets I	
THTR-103B	Theatre Production Practicum: Sets II	
THTR-103C	Theatre Production Practicum: Sets III	
THTR-103D	Theatre Production Practicum: Sets IV	
THTR-104A	Theatre Production Practicum: Lighting/Sound I	
THTR-104B	Theatre Production Practicum: Lighting/Sound II	
THTR-104C	Theatre Production Practicum: Lighting/Sound III	
THTR-104D	Theatre Production Practicum: Lighting/Sound IV	
Total Units		**26-29**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificate of Achievement

Any student who chooses to complete only the requirements listed above under Theatre Arts Technical Training Program qualifies for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Trauma-Informed Early Childhood Certificate of Achievement



The Trauma-Informed Early Childhood Educator Certificate of Achievement is designed for students that are new or experienced in the field of child development. The certificate coursework will provide students with a foundational knowledge of childhood trauma and trauma informed education. Students will learn about the impact of trauma on children and how it affects their development, family systems, and teachers who work with these children. The certificate will also help teachers develop supportive practices to help children and their families heal from trauma as well as the teachers who interact with them.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. <li class="li4">Demonstrate knowledge of trauma and

the understanding of its effects on children's brains, bodies and behaviors.

2. <li class="li4">Demonstrate and apply practical applications of theory and research on Adverse Childhood Experiences and trauma for developmentally appropriate and trauma-informed practice in the context of children's development.

Certificate of Achievement Requirements:

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CD-125	Child Growth and Development	3
CD-131	Child, Family and Community	3
CD-141	Working with Children with Special Needs	3
CD-143	Responsive Planning for Infant/Toddler Care	3
CD-147	Trauma and Its Effects on Children, Families and Teachers	3
CD-148	Trauma Informed Practice for Early Childhood Education	3
Total Units		**18**

Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Trauma-Informed Early Childhood Educator. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

University Studies - Business and Economics (AA)

The Associate Degree in University Studies is intended to accommodate the differing requirements of a wide variety of transfer institutions and major options. Because admission and major preparation requirements vary at each four-year transfer institution, courses used to complete this degree should be selected with the assistance of a counselor.

The completion of the University Studies Degree does not guarantee acceptance into either a baccalaureate major or a four-year institution.

Requirements

I. Complete 60 Transferable Units
   1. CSU or UC

II. California General Education Transfer Curriculum (Cal-GETC)
   1. Complete 34 units of transfer general education as required for Cal-GETC (see Degree Requirements section of the catalog).

III. Choose a minimum of 18 units
   1. Students must complete a minimum of three units or one course in business, three units or one course in economics. The remaining units may be taken from either category.

While 18 units are required in a specific area to meet the requirements of the degree, it is strongly recommended that as many lower division preparation for the major courses as possible be completed at the community college prior to transfer. Cross-listed courses receive credit for only one course. Some baccalaureate majors and four-year institutions require a higher GPA than is necessary for the Associate Degree. Completion of the University Studies Degree does not guarantee admission to a four-year institution.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Use information technology and principles of business to support effective decision making in organizations.
2. Analyze markets, economic environments and associated trends at the macro and/or micro levels.
3. Apply mathematical and quantitative skills in order to make sound decisions and solve problems in the business environment.

Courses in this major focus on the study of business transaction theory and practice, the operations and strategies of business decisions, legal concepts, and the place of business in the American and global economy as a whole. Students apply mathematical and quantitative reasoning skills to the discipline's methodologies, and evaluate and interpret basic economic principles and theories related to performance and specific economic sectors. Students completing this area may be interested in the following baccalaureate majors: accounting, business, economics, finance, information and decision systems, international business, hospitality/tourism, management, and marketing.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Business		
BUS-110	Introduction to Business	
BUS-120	Financial Accounting	
BUS-121	Managerial Accounting	
BUS-125	Business Law: Legal Environment of Business	
BUS-128	Business Communication [1]	
BUS-158	Introduction to Hospitality and Tourism Management [1]	
BUS-160	Hospitality Managerial Accounting and Controls [1]	
BUS-197	Personal Ethics At Work [1]	

Code	Title	Units
Economics		
ECON-110	Economic Issues and Policies	
ECON-120	Principles of Macroeconomics	
ECON-121	Principles of Microeconomics	
ECON-125	Economic History of the United States [1]	
ECON-130	Comparative Economic Systems [1]	
ECON-135	Environmental Economics [1]	
ECON-261	Economic Relations of the Asia Pacific	

Code	Title	Units
Electives		
CSIS-110	Principles of Information Systems	
ECON-215	Statistics for Business and Economics	
LIR-110	Research Methods in an Online World [1]	

STAT-C1000	Introduction to Statistics
MATH-175	College Algebra
MATH-178	Calculus for Business, Social and Behavioral Sciences
MATH-180	Analytic Geometry and Calculus I
MATH-280	Analytic Geometry and Calculus II
MATH-281	Multivariable Calculus

[1] Non-UC transferable course.

Certificate of Achievement

Students who complete the California General Education Transfer Curriculum (Cal-GETC) requirements are eligible to receive a Certificate of Achievement. An official request must be filed with the Admission and Records Office prior to the deadline as stated in the Academic Calendar.

University Studies - Communication and Language Arts (AA)

The Associate Degree in University Studies is intended to accommodate the differing requirements of a wide variety of transfer institutions and major options. Because admission and major preparation requirements vary at each four-year transfer institution, courses used to complete this degree should be selected with the assistance of a counselor.

The completion of the University Studies Degree does not guarantee acceptance into either a baccalaureate major or a four-year institution.

Requirements

I. Complete 60 Transferable Units
   1. CSU or UC

II. California General Education Transfer Curriculum (Cal-GETC)
   1. Complete 34 units of transfer general education as required by Cal-GETC (see Degree Requirements section of the catalog)

III. Choose a minimum of 18 units
   1. Students must complete a minimum of three units or one course in communication and three units or one course in language arts. The remaining units may be taken from either category.

While 18 units are required in a specific area to meet the requirements of the degree, it is strongly recommended that as many lower division preparation for the major courses as possible be completed at the community college prior to transfer. Cross-listed courses receive credit for only one course. Some baccalaureate majors and four-year institutions require a higher GPA than is necessary for the Associate Degree. Completion of the University Studies Degree does not guarantee admission to a four-year institution.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate the ability to analyze information and write effectively.
2. Organize thoughts and ideas in both oral and written format.
3. Communicate effectively with diverse audiences.

Courses in this major focus on the study of how language works to express human ideas and feelings. Students explore and analyze written and verbal communication methods, as well as develop and advance their oral and written communication skills. Students completing this area may be interested in the following baccalaureate majors: American Sign Language, communication, English, foreign language, literature, journalism, linguistics and media / film / television.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Communication		
COMM-120	Interpersonal Communication	
COMM-C1000	Introduction to Public Speaking	
COMM-123	Advanced Public Speaking	
COMM-124	Intercultural Communication	
COMM-126	Communication Studies: Health and Wellness [1]	
COMM-128	Global Communication	
COMM-135	Oral Interpretation of Literature	
COMM-136	Readers Theatre	
COMM-137	Critical Thinking in Group Communication	
COMM-144	Communication Studies: Race and Ethnicity	
COMM-145	Argumentation	
ETHN-144	Communication Studies: Race and Ethnicity	
MCOM-110	Mass Media and Society	
MCOM-111	Introduction to Film Analysis	
MCOM-112	Introduction to Reporting and News Writing [1]	
MCOM-116	Introduction to Audio Production [1]	
MCOM-117	Television Studio Operations [1]	
MCOM-118	Media Script Writing [1]	
MCOM-120	Single Camera Video Cinematography	

[1] Non-UC transferable course.

Code	Title	Units
Language Arts		
ARBC-120	Arabic I	
ARBC-121	Arabic II	
ARBC-122	Arabic for the Arabic Speaker I	
ARBC-123	Arabic for the Arabic Speaker II	
ARBC-148	Language, Culture, and Literature of the Arab World	
ARBC-220	Arabic III	
ARBC-221	Arabic IV	
ARBC-250	Conversational Arabic I	
ARBC-251	Conversational Arabic II	
ASL-120	American Sign Language I	
ASL-121	American Sign Language II	
ASL-140	Inside Deaf Culture	
ASL-220	American Sign Language III	
ASL-221	American Sign Language IV	
CHIN-120	Chinese I	
CHIN-121	Chinese II	
CHIN-220	Chinese III	

CHIN-221	Chinese IV
CHIN-250	Conversational Chinese I
CHIN-251	Conversational Chinese II
ENGL-122	Introduction to Literature
ENGL-C1001	Critical Thinking and Writing
ENGL-126	Introduction to Creative Writing
ENGL-130	Short Fiction Writing I
ENGL-131	Short Fiction Writing II
ENGL-132	Short Fiction Writing III
ENGL-133	Short Fiction Writing IV
ENGL-140	Poetry Writing I
ENGL-141	Poetry Writing II
ENGL-142	Poetry Writing III
ENGL-143	Poetry Writing IV
ENGL-215	Mythology
ENGL-219	Death and Dying in Literature
ENGL-221	British Literature I
ENGL-222	British Literature II
ENGL-231	American Literature I
ENGL-232	American Literature II
FREN-120	French I
FREN-121	French II
FREN-220	French III
FREN-221	French IV
FREN-250	Conversational French I
FREN-251	Conversational French II
GERM-120	German I
GERM-121	German II
GERM-220	German III
GERM-221	German IV
GERM-250	Conversational German I
GERM-251	Conversational German II
ITAL-120	Italian I
ITAL-121	Italian II
ITAL-220	Italian III
ITAL-221	Italian IV
ITAL-250	Conversational Italian I
ITAL-251	Conversational Italian II
JAPN-120	Japanese I
JAPN-121	Japanese II
JAPN-220	Japanese III
JAPN-221	Japanese IV
JAPN-250	Conversational Japanese I
JAPN-251	Conversational Japanese II
RUSS-120	Russian I
RUSS-121	Russian II
RUSS-220	Russian III
RUSS-221	Russian IV
RUSS-250	Conversational Russian I
RUSS-251	Conversational Russian II
SPAN-120	Spanish I
SPAN-121	Spanish II
SPAN-122	Spanish for the Native Speaker I
SPAN-123	Spanish for the Native Speaker II
SPAN-220	Spanish III
SPAN-221	Spanish IV
SPAN-250	Conversational Spanish I
SPAN-251	Conversational Spanish II

Certificate of Achievement

Students who complete the California General Education Transfer Curriculum (Cal-GETC) requirements are eligible to receive a Certificate of Achievement. An official request must be filed with the Admission and Records Office prior to the deadline as stated in the Academic Calendar.

University Studies - Humanities and Fine Arts (AA)

The Associate Degree in University Studies is intended to accommodate the differing requirements of a wide variety of transfer institutions and major options. Because admission and major preparation requirements vary at each four-year transfer institution, courses used to complete this degree should be selected with the assistance of a counselor.

The completion of the University Studies Degree does not guarantee acceptance into either a baccalaureate major or a four-year institution.

Requirements

I. Complete 60 Transferable Units
   1. CSU or UC

II. California General Education Transfer Curriculum (Cal-GETC)
   1. Complete 34 units of transfer general education as required for Cal-GETC (see Degree Requirements section of the catalog).

III. Choose a minimum of 18 units
   1. Students must complete a minimum of three units, or one course, in Humanities and three units, or one course, in Fine Arts. The remaining units may be taken from either category.

While 18 units are required in a specific area to meet the requirements of the degree, it is strongly recommended that as many lower division preparation for the major courses as possible be completed at the community college prior to transfer. Cross-listed courses receive credit for only one course. Some baccalaureate majors and four-year institutions require a higher GPA than is necessary for the Associate Degree. Completion of the University Studies Degree does not guarantee admission to a four-year institution.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Analyze the principle elements of representative examples of art, architecture, literature, theater, philosophy, music, dance, film, or other relevant areas of cultural and/or intellectual creativity.
2. Employ the language, concepts and methods of interpretive criticism as applicable to the respective categories of human creativity.
3. When applicable, apply artistic processes and skills as a creative expression, using a variety of media to communicate meaning and intent in original works of art.
4. Analyze how power and privilege operate in society, through categories of race, class, gender, ethnicity, and sexuality.

Courses in this major relate to the study of cultural, humanistic activities, and artistic expression of human beings. Students evaluate and interpret the ways in which people through the ages in different cultures have responded to themselves and the world around them through artistic and cultural creation. Students develop an aesthetic awareness and incorporate these concepts when constructing value judgments. Students completing this area may be interested in the following baccalaureate majors: art, dance, humanities, music, musical theatre, photography, philosophy, religious studies, and theatre arts.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Humanities		
ARBC-120	Arabic I	
ARBC-121	Arabic II	
ARBC-122	Arabic for the Arabic Speaker I	
ARBC-123	Arabic for the Arabic Speaker II	
ARBC-148	Language, Culture, and Literature of the Arab World	
ARBC-220	Arabic III	
ARBC-221	Arabic IV	
ARBC-250	Conversational Arabic I	
ARBC-251	Conversational Arabic II	
ASL-120	American Sign Language I	
ASL-121	American Sign Language II	
ASL-140	Inside Deaf Culture	
ASL-220	American Sign Language III	
ASL-221	American Sign Language IV	
CHIN-120	Chinese I	
CHIN-121	Chinese II	
CHIN-220	Chinese III	
CHIN-221	Chinese IV	
CHIN-250	Conversational Chinese I	
CHIN-251	Conversational Chinese II	
ENGL-122	Introduction to Literature	
ENGL-201	Women, Gender, and Sexuality in Literature	
ENGL-215	Mythology	
ENGL-217	Fantasy and Science Fiction	
ENGL-218	Shakespeare - His Plays and the Theatre of His Time	
ENGL-219	Death and Dying in Literature	
ENGL-221	British Literature I	
ENGL-222	British Literature II	
ENGL-231	American Literature I	
ENGL-232	American Literature II	
ENGL-236	Chicana/o Literature	
ENGL-237	American Indian Literature	
ENGL-238	Black Literature	
ENGL-239	Asian American Literature [1]	
ENGL-271	World Literature II [1]	
ETHN-127	La Chicana	
ETHN-135	San Diego County American Indian Tribes	
ETHN-145	Introduction to Black Studies	
ETHN-236	Chicana/o Literature	
ETHN-237	American Indian Literature	
ETHN-238	Black Literature	
ETHN-239	Asian American Literature [1]	
FREN-120	French I	
FREN-121	French II	
FREN-152	The French-Speaking World: A Cross- - Cultural Perspective	
FREN-220	French III	
FREN-221	French IV	
FREN-250	Conversational French I	
FREN-251	Conversational French II	
GERM-120	German I	
GERM-121	German II	
GERM-220	German III	
GERM-221	German IV	
GERM-250	Conversational German I	
GERM-251	Conversational German II	
HIST-100	Early World History	
HIST-101	Modern World History	
HIST-103	Twentieth Century World History	
HIST-105	Early Western Civilization	
HIST-106	Modern Western Civilization	
HIST-126	History of Mexico	
HIST-135	Ancient History of Western Civilization	
HIST-136	Survey of Medieval History	
HIST-137	History of East Asia	
HIST-148	Modern Middle East History	
HIST-170	History of Africa: Prehistory to 1400	
HIST-172	U.S History of Death, Dying, & Afterlife	
HUM-110	Principles of the Humanities	
HUM-120	European Humanities	
HUM-125	Women and Western Culture	
HUM-130	East Asian Humanities	
HUM-135	Blues as Literature, History, and Culture	
HUM-140	Humanities of the Americas	
HUM-160	Humanities of the Future	
HUM-170	Modern World Humanities	
ITAL-120	Italian I	
ITAL-121	Italian II	
ITAL-220	Italian III	
ITAL-221	Italian IV	
ITAL-250	Conversational Italian I	
ITAL-251	Conversational Italian II	
JAPN-120	Japanese I	
JAPN-121	Japanese II	
JAPN-149	Japanese Culture and Civilization	
JAPN-220	Japanese III	
JAPN-221	Japanese IV	
JAPN-250	Conversational Japanese I	
JAPN-251	Conversational Japanese II	
PHIL-110	A General Introduction to Philosophy	

PHIL-111	Philosophy and Popular Culture
PHIL-115	History of Philosophy I: Ancient and Medieval
PHIL-117	History of Philosophy II: Modern and Contemporary
PHIL-120	Asian and Pacific Philosophies [1]
PHIL-125	Critical Thinking and Philosophical Composition
PHIL-130	Logic
PHIL-140	Problems in Ethics
PHIL-141	Bioethics
PHIL-142	Ethics of Technology
PHIL-145	Social and Political Philosophy
PHIL-150	The Philosophy of Art
PHIL-155	The Philosophy of Science
PHIL-160	Latin American Philosophy
PHIL-170	Philosophy of Religion
PHIL-200	Philosophy of the War on Drugs
RELG-110	Introduction to the Study of Religion [1]
RELG-120	World Religions
RELG-130	Scriptures of World Religions
RELG-140	Religion and Culture
RELG-150	Asian Religions
RELG-165	Religion and American History [1]
RELG-170	Introduction to Christianity
RELG-175	Religion, Government and Politics in America [1]
RUSS-120	Russian I
RUSS-121	Russian II
RUSS-220	Russian III
RUSS-221	Russian IV
RUSS-250	Conversational Russian I
RUSS-251	Conversational Russian II
SPAN-120	Spanish I
SPAN-121	Spanish II
SPAN-122	Spanish for the Native Speaker I
SPAN-123	Spanish for the Native Speaker II
SPAN-141	Spanish and Latin American Cultures
SPAN-145	Hispanic Civilizations [1]
SPAN-220	Spanish III
SPAN-221	Spanish IV
SPAN-250	Conversational Spanish I
SPAN-251	Conversational Spanish II

[1] Non-UC transferable course.

Code	Title	Units
Fine Arts		
ART-100	Art Appreciation	
ART-104	Artists and Designers Today [1]	
ART-106	Introduction to Mural Painting and Design	
ART-119	Color Theory	
ART-120	Two-Dimensional Design	
ART-121	Painting I	
ART-124	Drawing I	
ART-125	Drawing II	
ART-126	Ceramics I	
ART-127	Ceramics II	
ART-128	Ceramics III	
ART-129	Three-Dimensional Design	
ART-130	Sculpture I	
ART-131	Jewelry Design I [1]	
ART-132	Jewelry Design II [1]	
ART-133	Metalsmithing & Casting [1]	
ART-140	Survey of Western Art I: Prehistory Through Middle Ages	
ART-141	Survey of Western Art II: Renaissance Through Modern	
ART-142	Art of Africa, Oceania and the Americas	
ART-143	Modern Art	
ART-145	Contemporary Art	
ART-146	Asian Art	
ART-147	American Art	
ART-210	Introduction to Printmaking	
ART-211	Intermediate Printmaking [1]	
ART-221	Painting III	
ART-222	Painting IV	
DANC-068	Introduction to Dance	
DANC-071A	Studio Workshop in Tap Dance I	
DANC-071B	Studio Workshop in Tap Dance II	
DANC-072A	Studio Workshop in Modern Dance I	
DANC-072B	Studio Workshop in Modern Dance II	
DANC-080A	Modern I	
DANC-080B	Modern II	
DANC-080C	Modern III	
DANC-080D	Modern IV	
DANC-081A	Tap I	
DANC-081B	Tap II	
DANC-081C	Tap III	
DANC-081D	Tap IV	
DANC-082A	Social and Ballroom Dance I	
DANC-082B	Social and Ballroom Dance II	
DANC-084A	Jazz I	
DANC-084B	Jazz II	
DANC-084C	Jazz III	
DANC-084D	Jazz IV	
DANC-088A	Ballet I	
DANC-088B	Ballet II	
DANC-088C	Ballet III	
DANC-088D	Ballet IV	
DANC-094A	Hip Hop I	
DANC-094B	Hip Hop II	
DANC-094C	Hip Hop III	
DANC-094D	Hip Hop IV	
DANC-099A	Studio Workshop in Pointe I	

DANC-099B	Studio Workshop in Pointe II
DANC-099C	Studio Workshop in Pointe III
DANC-110	Dance History
DANC-120	Dance Appreciation [1]
DANC-205	Choreography I
DANC-206	Choreography II
ETHN-126	Chicano/Chicana and Mexican Art
ETHN-127	La Chicana
ETHN-134	Introduction to American Indian Art
MUS-101	Jazz Improvisation I
MUS-102	Jazz Improvisation II
MUS-105	Music Theory and Practice I
MUS-106	Music Theory and Practice II
MUS-110	Great Music Listening
MUS-111	The History of Jazz
MUS-115	The History of Rock Music
MUS-116	Introduction to World Music
MUS-117	Introduction to Music History and Literature
MUS-123	History of Hip Hop Culture
MUS-124	Classical Guitar I
MUS-125	Classical Guitar II
MUS-126	Class Guitar I
MUS-127	Class Guitar II
MUS-128	Music Theory for Guitar I
MUS-129	Music Theory for Guitar II
MUS-130	Beginning Bass Guitar
MUS-132	Class Piano I
MUS-133	Class Piano II
MUS-134	Jazz and Pop Piano I
MUS-135	Jazz and Pop Piano II
MUS-138	Grossmont Master Chorale
MUS-139	Grossmont Master Chorale
MUS-140	String Orchestra [1]
MUS-141	String Orchestra [1]
MUS-148	Classical Guitar Ensemble
MUS-149	Classical Guitar Ensemble
MUS-150	Grossmont Symphony Orchestra
MUS-151	Grossmont Symphony Orchestra
MUS-152	Concert Band
MUS-153	Concert Band
MUS-154	Afro-Cuban Ensemble
MUS-155	Afro-Cuban Ensemble
MUS-156	Jazz Ensemble
MUS-157	Jazz Ensemble
MUS-160	Introduction to Afro-Cuban Percussion [1]
MUS-164	Musical Theatre Orchestra
MUS-165	Musical Theatre Orchestra
MUS-166	Jazz Vocal Ensemble
MUS-167	Jazz Vocal Ensemble
MUS-168	Jazz Combo Performance I
MUS-169	Jazz Combo Performance II
MUS-170	Class Voice
MUS-171	Class Voice
MUS-180	Modern Drumset Technique I
MUS-181	Modern Drumset Technique II
MUS-189	Multimedia and the Creative Arts
MUS-190	Performance Studies
MUS-191	Performance Studies
MUS-201	Jazz Improvisation III
MUS-202	Jazz Improvisation IV
MUS-203	Jazz Piano III
MUS-204	Jazz Piano IV
MUS-205	Music Theory and Practice III
MUS-206	Music Theory and Practice IV
MUS-210	Elements of Jazz I
MUS-211	Elements of Jazz II
MUS-212	Piano III
MUS-213	Piano IV
MUS-224	Classical Guitar III
MUS-226	Class Guitar III
MUS-232	Class Piano III
MUS-233	Class Piano IV
MUS-238	Grossmont Master Chorale
MUS-239	Grossmont Master Chorale
MUS-240	String Orchestra
MUS-241	String Orchestra [1]
MUS-248	Classical Guitar Ensemble
MUS-249	Classical Guitar Ensemble
MUS-250	Grossmont Symphony Orchestra
MUS-251	Grossmont Symphony Orchestra
MUS-252	Concert Band
MUS-253	Concert Band
MUS-254	Afro-Cuban Ensemble
MUS-255	Afro-Cuban Ensemble
MUS-256	Jazz Ensemble
MUS-257	Jazz Ensemble
MUS-264	Musical Theatre Orchestra
MUS-265	Musical Theatre Orchestra
MUS-266	Jazz Vocal Ensemble
MUS-267	Jazz Vocal Ensemble
MUS-268	Jazz Combo Performance III
MUS-269	Jazz Combo Performance IV
MUS-270	Class Voice
MUS-271	Class Voice
MUS-290	Performance Studies
MUS-291	Performance Studies
PHOT-150	Introduction to Photography
PHOT-151	Personal Photographic Vision
PHOT-154	History of Photography
THTR-101	Introduction to Narrative Theory
THTR-102A	Theatre Production Practicum: Costumes I
THTR-103A	Theatre Production Practicum: Sets I

THTR-104A	Theatre Production Practicum: Lighting/ Sound I
THTR-110	Introduction to the Theatre
THTR-111A	Rehearsal and Performance: Acting I
THTR-111B	Rehearsal and Performance: Acting II
THTR-111C	Rehearsal and Performance: Acting III
THTR-111D	Rehearsal and Performance: Acting IV
THTR-112A	Rehearsal and Performance: Stage Management I
THTR-112B	Rehearsal and Performance: Stage Management II
THTR-112C	Rehearsal and Performance: Stage Management III
THTR-112D	Rehearsal and Performance: Stage Management IV
THTR-113A	Rehearsal and Performance: Production Crew I
THTR-113B	Rehearsal and Performance: Production Crew II
THTR-113C	Rehearsal and Performance: Production Crew III
THTR-113D	Rehearsal and Performance: Production Crew IV
THTR-115	Voice and Movement for the Stage
THTR-119A	Theatre Mime I
THTR-119B	Theatre Mime II
THTR-122A	Theatre Workshop Laboratory: Acting I
THTR-122B	Theatre Workshop Laboratory: Acting II
THTR-122C	Theatre Workshop Laboratory: Acting III
THTR-122D	Theatre Workshop Laboratory: Acting IV
THTR-123A	Theatre Workshop Laboratory: Construction I
THTR-123B	Theatre Workshop Laboratory: Construction II
THTR-123C	Theatre Workshop Laboratory: Construction III
THTR-123D	Theatre Workshop Laboratory: Construction IV
THTR-124A	Theatre Workshop Laboratory: Production Crew I
THTR-124B	Theatre Workshop Laboratory: Production Crew II
THTR-124C	Theatre Workshop Laboratory: Production Crew III
THTR-124D	Theatre Workshop Laboratory: Production Crew IV
THTR-130	Acting I
THTR-131	Acting II
THTR-134A	Fundamentals of Costume Design and Construction I
THTR-134B	Fundamentals of Costume Design and Construction II
THTR-136	Theatre Makeup I
THTR-137	Theatre Makeup II
THTR-143	Historic Costume for the Theatre
THTR-144	20th Century Fashion and Costume
THTR-145	Arena Theatre Production I
THTR-146	Arena Theatre Production II
THTR-147	Arena Theatre Production III
THTR-148	Arena Theatre Production IV
THTR-155	Stagecrafts
THTR-156	Fundamentals of Scenic Design
THTR-157	Fundamentals of Stage Lighting and Sound
THTR-205	The American Musical on Stage and Screen
THTR-207	Techniques of Directing I
THTR-208	Techniques of Directing II
THTR-230	Acting III
THTR-234A	Fundamentals of Musical Theatre - Performance I
THTR-234B	Fundamentals of Musical Theatre - Performance II
THTR-235A	Fundamentals of Musical Theatre - Scene/ Song I
THTR-235B	Fundamentals of Musical Theatre - Scene/ Song II
THTR-254A	Advanced Design I
THTR-254B	Advanced Design II

[1] Non-UC transferable course.

Certificate of Achievement

Students who complete the California General Education Transfer Curriculum (Cal-GETC) requirements are eligible to receive a Certificate of Achievement. An official request must be filed with the Admission and Records Office prior to the deadline as stated in the Academic Calendar.

University Studies - Mathematics and Natural Science and Computer Science (AS)

The Associate Degree in University Studies is intended to accommodate the differing requirements of a wide variety of transfer institutions and major options. Because admission and major preparation requirements vary at each four-year transfer institution, courses used to complete this degree should be selected with the assistance of a counselor.

The completion of the University Studies Degree does not guarantee acceptance into either a baccalaureate major or a four-year institution.

Requirements

I. Complete 60 Transferable Units
   1. CSU or UC

II. California General Education Transfer Curriculum (Cal-GETC)
   1. Complete 34 units of transfer general education as required for Cal-GETC (see Degree Requirements section of the catalog).

III. Choose a minimum of 18 units
   1. Students must complete a minimum of three units, or one course in Mathematics and a minimum of three units, or one course in Natural Science or Computer Science. The remaining units may be taken from any category.

While 18 units are required in a specific area to meet the requirements of the degree, it is strongly recommended that as many lower division preparation for the major courses as possible be completed at the community college prior to transfer. Cross-listed courses receive credit for only one course. Some baccalaureate majors and four-year institutions require a higher GPA than is necessary for the Associate Degree. Completion of the University Studies Degree does not guarantee admission to a four-year institution.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Solve complex problems using mathematics, natural and/or computer science.
2. Utilize high level mathematical skills to analyze data and/or solve problems.
3. Analyze concepts of physical and biological science to evaluate scientific information and solve scientific problems.

Courses in this major focus on the study of mathematical and quantitative reasoning skills and apply the facts and principles that form the foundations of living and non-living systems. Students recognize and utilize the methodologies of science as investigative tools, as well as the limitations of science. Students use basic mathematical skills to solve numerical problems encountered in daily life, and more advanced skills for applications in the physical and life sciences. Students completing this area may be interested in the following baccalaureate majors: astronomy, biological sciences, chemistry, computer science, engineering, geography, geology, mathematics, oceanography, physical science, and physics.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Mathematics		
ANTH-215	Statistics for the Behavioral Sciences	
BIO-215	Statistics for Life Sciences	
STAT-C1000	Introduction to Statistics	
MATH-170	Analytic Trigonometry [1]	
MATH-175	College Algebra	
MATH-176	Precalculus: Functions and Graphs	
MATH-178	Calculus for Business, Social and Behavioral Sciences	
MATH-180	Analytic Geometry and Calculus I	
MATH-245	Discrete Mathematics	
MATH-280	Analytic Geometry and Calculus II	
MATH-281	Multivariable Calculus	
MATH-284	Linear Algebra	
MATH-285	Differential Equations	
PSC-120	Fundamentals of Scientific Computing (MATLAB)	
PSY-215	Statistics for the Behavioral Sciences	
SOC-215	Statistics for the Behavioral Sciences	

[1] Non-UC transferable course.

Code	Title	Units
Natural Science		
ANTH-130	Introduction to Biological Anthropology	
ANTH-131	Biological Anthropology Laboratory	
ASTR-110	Descriptive Astronomy	
ASTR-112	General Astronomy Laboratory	
ASTR-120	Exploration of the Solar System	
BIO-105	Marine Biology	
BIO-110	Environmental Biology	
BIO-112	Contemporary Issues in Environmental Resources	
BIO-114	Heredity, Evolution and Society	
BIO-118	Introduction to Human Biology	
BIO-120	Principles of Biology	
BIO-140	Human Anatomy	
BIO-141	Human Physiology	
BIO-141L	Laboratory in Human Physiology	
BIO-144	Anatomy and Physiology I	
BIO-145	Anatomy and Physiology II	
BIO-152	Paramedical Microbiology	
BIO-230	Principles of Cellular, Molecular and Evolutionary Biology	
BIO-240	Principles of Ecology, Evolution and Organismal Biology	
CHEM-102	Introduction to General, Organic and Biological Chemistry	
CHEM-110	Environmental Chemistry	
CHEM-113	Forensic Chemistry	
CHEM-115	Fundamentals of Chemistry	
CHEM-116	Introductory Organic and Biochemistry	
CHEM-117	Introductory Biochemistry	
CHEM-120	Preparation for General Chemistry	
CHEM-141	General Chemistry I	
CHEM-142	General Chemistry II	
CHEM-231	Organic Chemistry I	
CHEM-232	Organic Chemistry II	
GEOG-104	Introduction to Geographic Information Science	
GEOG-106	World Regional Geography	
GEOG-120	Physical Geography: Earth Systems	
GEOG-121	Physical Geography: Earth Systems Laboratory	
GEOG-130	Human Geography: The Cultural Landscape	
GEOG-140	Meteorology: Weather and Climate	
GEOG-150	Field Study of the Natural History of the Greater San Diego Region	
GEOG-170	The Geography of California	
GEOL-104	Earth Science	
GEOL-110	Planet Earth	
GEOL-111	Planet Earth Laboratory	
GEOL-121	Earth History	
GEOL-150	Field Study of the Natural History of the Greater San Diego Region	

GEOL-210	Geology of California
GEOL-230	Natural Disasters
OCEA-112	Introduction to Oceanography
OCEA-113	Oceanography Laboratory
OCEA-150	Field Study of the Natural History of the Greater San Diego Region
PHYC-110	Introductory Physics
PHYC-130	Fundamentals of Physics
PHYC-131	Fundamentals of Physics
PHYC-201	Mechanics and Waves
PHYC-202	Electricity, Magnetism, and Heat
PHYC-203	Light, Optics, and Modern Physics
PSC-100	Physical Science for Elementary Education
PSC-110	Introduction to the Physical Sciences
PSC-111	Introduction to Physical Sciences Laboratory
SCI-110	Introduction to Scientific Thought

Code	Title	Units
Computer Science		
CSIS-165	Assembly Language and Machine Architecture	
CSIS-240	Discrete Structures [1]	
CSIS-250	Introduction to Python Programming [1]	
CSIS-251	Intermediate Python Programming and Fundamental Data Structures [1]	
CSIS-255	Introduction to Programmable Logic Controllers [1]	
CSIS-293	Introduction to Java Programming	
CSIS-294	Intermediate Java Programming and Fundamental Data Structures	
CSIS-296	Introduction to C++ Programming	
CSIS-297	Intermediate C++ Programming	

[1] Non-UC transferable course.

Certificate of Achievement

Students who complete the California General Education Transfer Curriculum (Cal-GETC) requirements are eligible to receive a Certificate of Achievement. An official request must be filed with the Admission and Records Office prior to the deadline as stated in the Academic Calendar.

University Studies - Social and Behavioral Sciences (AA)

The Associate Degree in University Studies is intended to accommodate the differing requirements of a wide variety of transfer institutions and major options. Because admission and major preparation requirements vary at each four-year transfer institution, courses used to complete this degree should be selected with the assistance of a counselor.

The completion of the University Studies Degree does not guarantee acceptance into either a baccalaureate major or a four-year institution.

Requirements

I. Complete 60 Transferable Units
   1. CSU or UC

II. California General Education Transfer Curriculum (Cal-GETC)
   1. Complete 34 units of transfer general education as required for Cal-GETC (see Degree Requirements section of the catalog).

III. Choose a minimum of 18 units
   1. Students must complete a minimum of three units, or one course in Social Sciences and three units, or one course, in Behavioral Science. The remaining units may be taken from either category.

While 18 units are required in a specific area to meet the requirements of the degree, it is strongly recommended that as many lower division preparation for the major courses as possible be completed at the community college prior to transfer. Cross-listed courses receive credit for only one course. Some baccalaureate majors and four-year institutions require a higher GPA than is necessary for the Associate Degree. Completion of the University Studies Degree does not guarantee admission to a four-year institution.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Describe general principles of the political institutions and government of the United States.
2. Demonstrate an understanding and appreciation of social, political, and economic institutions, including a historical perspective.
3. Evaluate the ways in which people interact both within and outside of their own culture as well as society as a whole.
4. Apply knowledge of social and behavioral sciences theories and scientific methods in an assessment of real-world problems.

Courses in this major focus on the study and understanding of human behavior. Students evaluate and interpret human societies; the institutions, organizations, and the groups that form them; and the ways in which individuals and groups relate to one another. Students evaluate various approaches and methodologies of the disciplines. Students completing this area may be interested in the following baccalaureate majors: anthropology, child development, criminal justice, education, ethnic studies, history, nutrition, political science, psychology, public health, social work, and sociology.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Social Sciences		
AOJ-110	Introduction to Administration of Justice	
AOJ-200	Criminal Law	
AOJ-240	Community and the Justice System	
COMM-144	Communication Studies: Race and Ethnicity	
COMM-150	Leadership in Communication	
COUN-120	College and Career Success	
ECON-110	Economic Issues and Policies	
ECON-120	Principles of Macroeconomics	
ECON-121	Principles of Microeconomics	
ECON-261	Economic Relations of the Asia Pacific	

ETHN-107	History of Race & Ethnicity in the United States [1]
ETHN-114	Introduction to Race & Ethnicity
ETHN-115	Introduction to Cultural Competence
ETHN-118	U.S. History: Chicano/Chicana Perspectives I
ETHN-119	U.S. History: Chicano/Chicana Perspective II
ETHN-125	Cross-Cultural Psychology
ETHN-128	Introduction to Chicana/o Studies
ETHN-130	U.S. History and Cultures: Native American Perspectives I
ETHN-131	U.S. History and Cultures: Native American Perspectives II
ETHN-135	San Diego County American Indian Tribes
ETHN-137	American Indian Culture and Heritage
ETHN-138	The History and Cultures of California Indians
ETHN-143	Images of Black Women
ETHN-144	Communication Studies: Race and Ethnicity
ETHN-145	Introduction to Black Studies
ETHN-150	Latinx Communities in the United States
ETHN-160	U.S. History: Asian American and Pacific Island American Perspectives I [1]
ETHN-161	U.S. History: Asian American and Pacific Island American Perspectives II [1]
ETHN-180	U.S. History: Black Perspectives I
ETHN-181	U.S. History: Black Perspectives II
GEND-116	Introduction to Women's Studies
GEND-154	Early History of Women in World Civilization
GEND-155	Modern History of Women in World Civilization
GEOG-100	Introduction to Global Studies
GEOG-101	Global Issues
GEOG-106	World Regional Geography
GEOG-130	Human Geography: The Cultural Landscape
GEOG-170	The Geography of California
HIST-100	Early World History
HIST-101	Modern World History
HIST-103	Twentieth Century World History
HIST-105	Early Western Civilization
HIST-106	Modern Western Civilization
HIST-107	History of Race & Ethnicity in the United States [1]
HIST-108	Early American History
HIST-109	Modern American History
HIST-113	American Military History
HIST-114	Comparative History of the Early Americas
HIST-115	Comparative History of the Modern Americas
HIST-118	U.S. History: Chicano/Chicana Perspectives I
HIST-119	U.S. History: Chicano/Chicana Perspectives II
HIST-122	Women in Early American History
HIST-123	Women in Modern American History
HIST-124	History of California
HIST-126	History of Mexico
HIST-130	U.S. History and Cultures: Native American Perspectives I
HIST-131	U.S. History and Cultures: Native American Perspectives II
HIST-136	Survey of Medieval History
HIST-137	History of East Asia
HIST-148	Modern Middle East History
HIST-154	Early History of Women in World Civilization
HIST-155	Modern History of Women in World Civilization
HIST-160	U.S. History: Asian American and Pacific Island American Perspectives I [1]
HIST-161	U.S. History: Asian American and Pacific Island American Perspectives II [1]
HIST-180	U.S. History: Black Perspectives I
HIST-181	U.S. History: Black Perspectives II
POSC-120	Introduction to Politics and Political Analysis
POLS-C1000	American Government and Politics
POSC-121	Introduction to U.S. Government and Politics
POSC-124	Introduction to Comparative Government and Politics
POSC-130	Introduction to International Relations
POSC-140	Introduction to California Governments and Politics
POSC-145	Introduction to Latin American Government and Politics [1]
POSC-147	Introduction to Middle East Government and Politics [1]
POSC-148	American Foreign Policy [1]
POSC-150	Introduction to Political Theory
POSC-155	State and Society in the Asia Pacific
POSC-160	Politics in Film
SOC-114	Introduction to Race & Ethnicity
SOC-150	Latinx Communities in the United States
SPAN-145	Hispanic Civilizations [1]

[1] Non-UC transferable course.

Code	Title	Units
Behavioral Sciences		
ANTH-120	Cultural Anthropology	
ANTH-122	Anthropology of Magic, Witchcraft, and Religion	
ANTH-127	Cultures of Latin America	
ANTH-140	Introduction to Archaeology	
CD-115	Changing American Family	

CD-125	Child Growth and Development
CD-131	Child, Family and Community
CD-145	Child Abuse and Family Violence in Our Society
COMM-124	Intercultural Communication
COMM-128	Global Communication
ED-200	Teaching as a Profession
ETHN-125	Cross-Cultural Psychology
FS-115	Changing American Family
FS-120	Human Development
HED-120	Personal Health and Lifestyles
HED-201	Introduction to Public Health
NUTR-155	Introduction to Nutrition
NUTR-158	Nutrition for Fitness and Sports [1]
NUTR-159	Cultural Aspects of Food and Nutrition
NUTR-205	The Scientific Principles of Food Preparation [1]
NUTR-255	Science of Nutrition
PSYC-C1000	Introduction to Psychology
PSY-125	Cross-Cultural Psychology
PSY-132	Psychology of Health
PSY-134	Human Sexuality
PSY-138	Social Psychology
PSY-140	Physiological Psychology
PSY-150	Developmental Psychology
PSY-170	Abnormal Psychology
PSY-180	Psychology of Interpersonal Skills
PSY-211	Cognitive Psychology
PSY-220	Learning
SOC-120	Introductory Sociology
SOC-125	Marriage, Family, and Alternate Lifestyles
SOC-130	Contemporary Social Problems
SOC-138	Social Psychology
SOC-140	Sex and Gender Across Cultures

[1] Non-UC transferable course.

Certificate of Achievement

Students who complete the California General Education Transfer Curriculum (Cal-GETC) requirements are eligible to receive a Certificate of Achievement. An official request must be filed with the Admission and Records Office prior to the deadline as stated in the Academic Calendar.

Virtual Office Assistant Certificate of Proficiency

This Certificate of Proficiency prepares students to create and run a virtual office business. More specifically, the certificate prepares a student to act as an entrepreneur specializing in administrative services provided to clients in a virtual environment. These certificates will not appear on a student's transcript.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
BOT-100	Basic Keyboarding	1
BOT-103A	Building Keyboarding Skill I	0.5
BOT-103B	Building Keyboarding Skill II	0.5
BOT-111	Virtual Assistant	2
BOT-115	Essential Excel	1
BOT-120	Comprehensive Word, Level I	1
BOT-121	Comprehensive Word, Level II	1
BOT-150	Using Microsoft Publisher	1
BUS-141	Entrepreneurship: Managing a New Business	3
BUS-146	Marketing	3
Total Units		**14**

War on Drugs Certificate of Achievement

The War on Drugs certificate is comprised of four courses in History, Philosophy, Ethnic Studies, and Psychology. Philosophy explores the underlying justification for this war, such as free will and personal responsibility, personhood, addiction, virtue and vice, righteousness, and justice. Ethnic Studies will investigate how communities of color, especially African American and Latine communities, have been impacted by militarized policing. Psychology will consider human behavior and assist understanding from a research perspective. History will consider impacts on Mexico. This certificate is designed for students who wish to understand how this trillion-dollar war has unfolded, is justified, has impacted them, and accords with scientific knowledge. Enrolled students may be entering the medical field, law enforcement, psychology, law, education, journalism, childcare, social work, or any number of other fields. Most important, this certificate is transformative - students who complete this certificate will become critically aware of the full impact and rationale of the War on Drugs.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Students will learn how the War on Drugs started and its impacts on our families and communities, especially African American and Latine communities.
2. Students will consider the moral status and justification of the legal and political response to substance abuse.
3. Students will learn how disorders are understood from a scientific research perspective.
4. Students will assess the standing of the current War on Drugs as they develop informed views of their own.

Note: All courses must be completed with a "C" or higher or "Pass."

Code	Title	Units
HIST-126	History of Mexico	3
PHIL-200	Philosophy of the War on Drugs	3
ETHN-201	The War on Drugs & Bipoc Communities	3
PSYC-C1000	Introduction to Psychology	3
Total Units		**12**

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Web Design and Development Associate in Science and Certificate of Achievement



The Computer Science Information Systems curricula provides a foundation in computing and information systems serving the diverse goals of the Grossmont community: employment in various phases of the computing industry, transfer to a baccalaureate institution for continued study in the computer and information sciences, training in selected topics for application in other professions or for personal enrichment, and advanced study for returning computing professionals. Throughout, emphasis is placed on blending fundamental theory and technique with practical applications in business, scientific and academic computing. A guiding principle is the use of intense hands-on instruction with state-of-the-art computer technology.

Five related but distinct areas of emphasis designed to provide corresponding job entry points are available as two-year curricula: Computer Programming, Web Design and Software Engineering. Completion of the Computer Science Information Systems core courses or their equivalent plus any one area of emphasis satisfies the major requirements for the Associate Degree.

This program provides students with a well-rounded background in state-of-of-the-art technologies, knowledge and skills related to the in-demand fields of web design and development. Coursework involves significant hands-on and project centered experience and the opportunity to build portfolio assets. Emphasis is on being able to build and maintain attractive, reliable and robust websites using popular methods, frameworks and toolkits.

Career Opportunities

https://www.grossmont.edu/student-support/career-center/resources.php

Computer Support Specialist
Communications Technician
Computer Maintenance Technician
Computer Systems Analysts[1]
Database Administrators[1]
Information Specialist[1]
LAN (Local Area Network) Administrator
Network Systems & Data Communication Analysts
Office Administrators
Programmer
Software Engineers[1]
Software Technician
Systems Analyst[1]
Technical Support Representative

[1] Bachelor's Degree or higher required.

Program Learning Outcomes

Students will perform computer end user support including identifying and implementing solutions to user requests.

Upon successful completion of this program, students will be able to:

1. Analyze and evaluate a computer-related situation in a business and/or scientific environment to identify a potential problem.
2. Design a technologically feasible and efficient solution.
3. Construct and complete the solution.
4. Demonstrate and explain the solution.

Similar Course List

The following Grossmont and Cuyamaca College courses are considered similar enough to be accepted in the major for local Computer Science degrees in the district. No Modification of Major forms are required at either campus.

Grossmont Course	Similar Cuyamaca Course
CSIS-110	CIS-110
CSIS-112	CIS-190
CSIS-113	CIS-191
CSIS-119	CS-119
CSIS-120	CIS-120
CSIS-125	CIS-125
CSIS-130	CIS-290
CSIS-132	CIS-211
CSIS-133	CIS-213
CSIS-135	CIS-215
CSIS-180	CIS-140
CSIS-213	CIS-291
CSIS-230	CIS-290
CSIS-263	CIS-263
CSIS-264	CIS-264
CSIS-265	CIS-265
CSIS-293	CS-182
CSIS-294	CS-282
CSIS-296	CS-181
CSIS-297	CS-281

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CSIS-132	Introduction to Web Development	3
CSIS-133	Intermediate Web Development	3

CSIS-135	JavaScript Programming	3
CSIS-151	Introduction to Photoshop	3
Select three of the following:		9-10
CSIS-112	Windows Operating System	
CSIS-113	Introduction to Linux	
CSIS-119	Introduction to Computer Programming	
CSIS-121	Introduction to Cybersecurity	
CSIS-147	Social Media and Internet Marketing	
CSIS-180	Fundamentals of Database Design	
CSIS-250	Introduction to Python Programming	
CSIS-276	Introduction to SQL	
CSIS-293	Introduction to Java Programming	
Total Units		**21-22**

Plus General Education (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/) and Elective Requirements

Certificates of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Web Design and Development Specialist. An official request must be filed with the Admissions and Records Office prior to the deadline stated in the Academic Calendar.

Course Descriptions

A

- Administration of Justice (AOJ) (p. 205)
- American Sign Language (ASL) (p. 212)
- Anthropology (ANTH) (p. 213)
- Arabic (ARBC) (p. 214)
- Art (ART) (p. 215)
- Astronomy (ASTR) (p. 220)

B

- Biological Sciences (BIO) (p. 221)
- Business (BUS) (p. 224)
- Business Office Technology (BOT) (p. 229)

C

- Cardiovascular Technology (CVTE) (p. 235)
- Chemistry (CHEM) (p. 238)
- Child Development (CD) (p. 240)
- Chinese (CHIN) (p. 244)
- Communication (COMM) (p. 245)
- Computer Science Information Systems (CSIS) (p. 248)
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D

- Dance (DANC) (p. 259)

E

- Economics (ECON) (p. 267)
- Education (ED) (p. 268)
- English (ENGL) (p. 269)
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- Ethnic Studies (ETHN) (p. 277)
- Exercise Science (ES) (p. 281)

F

- Family Studies (FS) (p. 297)
- French (FREN) (p. 298)

G

- Gender Studies (GEND) (p. 299)
- Geography (GEOG) (p. 300)
- Geology (GEOL) (p. 302)
- German (GERM) (p. 305)

H

- Health Education (HED) (p. 306)
- History (HIST) (p. 307)
- Humanities (HUM) (p. 311)

I

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J

- Japanese (JAPN) (p. 313)

L

- Library Information Resources (LIR) (p. 314)

M

- Mathematics (MATH) (p. 315)
- Media Communications (MCOM) (p. 318)
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N

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O

- Occupational Therapy Assistant (OTA) (p. 335)
- Oceanography (OCEA) (p. 339)
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P

- Personal Dev-Success Services (PDSS) (p. 341)
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- Photography (PHOT) (p. 344)
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- Physics (PHYC) (p. 346)
- Political Science (POLS) (p. 347)
- Political Science (POSC) (p. 348)
- Psychology (PSY) (p. 350)
- Psychology (PSYC) (p. 352)

R

- Religious Studies (RELG) (p. 353)
- Respiratory Therapy (RESP) (p. 354)
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S

- Science (SCI) (p. 358)
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- Statistics (STAT) (p. 361)

T

- Theatre Arts (THTR) (p. 362)

Administration of Justice (AOJ)

AOJ-101A
Firearms for PC 832 Laws of Arrest **0.5 UNITS**
Prerequisite: Students must not have any felony or domestic violence convictions and must meet state and federal requirements for possessing a firearm.
0.5 hours lecture, 1.0 hours laboratory
This course meets the basic requirements for those who need California Peace Officer powers of arrest course with firearms. Meets the requirements of Penal Code Section 832, Laws of Arrest with firearms, as required by P.O.S.T. This course is offered on a Pass/No Pass basis only.

AOJ-101B
Firearms for PC 832 Laws of Arrest **0.5 UNITS**
Prerequisite: Students must not have any felony or domestic violence convictions and must meet state and federal requirements for possessing a firearm.
0.5 hours lecture, 1.0 hours laboratory
This course meets the basic requirements for those who need California Peace Officer powers of arrest course with firearms. Meets the requirements of Penal Code Section 832, Laws of Arrest with firearms, as required by P.O.S.T. This course is offered on a Pass/No Pass basis only.

AOJ-101C
Firearms for PC 832 Laws of Arrest **0.5 UNITS**
Prerequisite: Students must not have any felony or domestic violence convictions and must meet state and federal requirements for possessing a firearm.
0.5 hours lecture, 1.0 hours laboratory
This course meets the basic requirements for those who need California Peace Officer powers of arrest course with firearms. Meets the requirements of Penal Code Section 832, Laws of Arrest with firearms, as required by P.O.S.T. This course is offered on a Pass/No Pass basis only.

AOJ-101D
Firearms for PC 832 Laws of Arrest **0.5 UNITS**
Prerequisite: Students must not have any felony or domestic violence convictions and must meet state and federal requirements for possessing a firearm.
0.5 hours lecture, 1.0 hours laboratory
This course meets the basic requirements for those who need California Peace Officer powers of arrest course with firearms. Meets the requirements of Penal Code Section 832, Laws of Arrest with firearms, as required by P.O.S.T. This course is offered on a Pass/No Pass basis only.

AOJ-102A
PC 832 - Laws of Arrest (40 hours) **1.5 UNITS**
1.88 hours lecture, 0.63 hours laboratory
Meets the basic requirements of Penal Code Section 832, Laws of Arrest, as required by P.O.S.T. Recommended for those with current employment in a position requiring powers of arrest. This may include search and rescue, lifeguards, animal control, probation officers and allows for some limited support duties by Level III Reserves. AOJ 102 is offered in a 40 hour intensive format. There is no firearm instruction in this course. This course is offered on a Pass/No Pass basis only.

AOJ-102B
PC 832 - Laws of Arrest (40 Hours) **1.5 UNITS**
1.88 hours lecture, 0.63 hours laboratory
Meets the basic requirements of Penal Code Section 832, Laws of Arrest, as required by P.O.S.T. Recommended for those with current employment in a position requiring powers of arrest. This may include search and rescue, lifeguards, animal control, probation officers and allows for some limited support duties by Level III Reserves. AOJ 102 is offered in a 40 hour intensive format. There is no firearm instruction in this course. This course is offered on a Pass/No Pass basis only.

AOJ-107
Corrections Academy **11.5 UNITS**
Prerequisite: Students must not have any felony or domestic violence misdemeanor convictions and must meet state and federal government requirements for possession of a firearm.
10.0 hours lecture, 4.6 hours laboratory
This course addresses specific instructional and performance objectives for those seeking employment as corrections officers in local or county jails, adult probation, and community correctional facilities in California, as well as privately-contracted federal correctional facilities. This course meets the requirements for PC 6035 Adult Corrections Officer Core Course as specified by the State of California, Board of State and Community Corrections, Standards and Training for Corrections (STC) for entry-level adult corrections officers. This course is offered on a Pass/No Pass basis only.

AOJ-110
Introduction to Administration of Justice **3 UNITS**
3.0 hours lecture
This course introduces students to the characteristics of the criminal justice system in the United States. Focus is placed on examining crime measurement, theoretical explanations of crime, responses to crime, components of the system, and current challenges to the system. The course examines the evolution of the principles and approaches utilized by the justice system and the evolving forces which have shaped those principals and approaches. Although justice structure and process is examined in a cross cultural context, emphasis is placed on the US justice system, particularly the structure and function of US police, courts, and corrections. Students are introduced to the origins and development of criminal law, legal process, and sentencing and incarceration policies. (C-ID AJ 110) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

AOJ-111
Introduction to Security Management **3 UNITS**
3.0 hours lecture
An introduction to private as well as public security management. The historical, philosophical and legal bases for security services are examined. Emphasis is placed on: the role of the security organization and security personnel in modern society; concepts of professionalism and ethics; types and functions of security operations; counterterrorism; and career pathways in security management. (CSU)

AOJ-119
Public Safety Hiring Procedures **1 UNITS**
1.0 hours lecture
A course designed to assist the student in preparing for civil service exams related to public safety. This course is recommended for students who are interested in a career in Forensics, Law Enforcement or other Public Safety related careers and is offered on a Pass/No Pass basis only.

AOJ-120
Community Policing and Patrol Procedure **3 UNITS**
3.0 hours lecture
This course involves an examination of the philosophy, principles, and practices of community policing as well as a discussion of the responsibilities, techniques, and methods of police patrol. Emphasis is placed on strategies designed to engage and assist a community in the development and implementation of solutions to police related problems. Operations, supervision, and leadership within the context of contemporary policing are studied. (CSU)

AOJ-122
Traffic Law and Enforcement **3 UNITS**
3.0 hours lecture
A study of traffic management and control. Emphasis is placed on traffic law enforcement procedures, motor vehicle code violations, public safety, and collision investigations. (CSU)

AOJ-125
Introduction to Corrections **3 UNITS**
3.0 hours lecture
This course provides a critical analysis of punishment, including various types of alternatives, and the impact on the Criminal Justice System. A critical examination of the types of correctional institutions and the clients housed in each institution. (C-ID AJ 200) (CSU)

AOJ-140
Inmate Psychology and Supervision **3 UNITS**
3.0 hours lecture
This course is an overview of the psychological aspects of inmate supervision in local, state and federal correctional institutions as well as the techniques in counseling and interviewing. The student will learn confidence-building techniques and theories to properly assess and react to the institutional daily living and crisis situations. The course will emphasize the roles played by the inmate and the correctional worker. (CSU)

AOJ-143
Gangs and Law Enforcement **3 UNITS**
3.0 hours lecture
This course is designed to provide students with a base of knowledge as it relates to the impact of gangs in both correctional and community settings. It includes a review of the types of gangs, history, and criminal activities associated with gangs. (CSU)

AOJ-144
Probation and Parole **3 UNITS**
3.0 hours lecture
This course is a survey of the role of probation and parole in today's criminal justice system and includes theoretical concerns and case law effects in probation and parole supervision. A review and evaluation of community-based corrections and analysis of the diverse roles of the probation officer and parole agent. (CSU)

AOJ-148
Fingerprint Identification **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in AOJ 110 or equivalent or concurrent enrollment in AOJ 110.
2.0 hours lecture, 3.0 hours laboratory
A study of the history and application of fingerprints for personal identification, including the proper techniques for recording fingerprints. Emphasis is placed on recognition of fingerprint patterns, fingerprint classification systems, preparing fingerprints for computer searches, and aspects of individualizing fingerprints. (CSU)

AOJ-150
Forensic Photography **4 UNITS**
Corequisite: "C" grade or higher or "Pass" in AOJ 110 or concurrent enrollment in AOJ 110.
3.0 hours lecture, 3.0 hours laboratory
This course is designed to provide students with an emphasis on the technical application of basic investigative photography. This course would be of benefit for public safety investigators, and those who are interested in forensic photography. The course includes using the types of cameras, lighting, enlargers, etc., most often used by law enforcement agencies. Students will be expected to demonstrate proficiency in the use of this equipment, using simulated crime scenes. Legal issues related to criminal investigations will also be discussed. (CSU)

AOJ-155
Digital Investigations **3 UNITS**
3.0 hours lecture
This course provides an introduction to the forensic analysis of digital devices (most commonly used cell phones, smart phones, tablets, computers) and focuses on the procedures, policies, and technology utilized in digital evidence recovery. Emphasis is placed on the analysis of digital evidence for use during criminal or civil investigations. This course also prepares students with knowledge in investigative principles and applicable case law that is applicable to both civil and criminal investigations. (CSU)

AOJ-158
Public Safety Dispatcher **10 UNITS**
10.0 hours lecture, 1.0 hours laboratory
Methods and operation of law enforcement and public safety communications. The course will include federal communications regulations, data retrieval systems and applications in communications. Students will be analyzing data to determine priorities for making decisions under stress. This course is offered on a Pass/No Pass basis only.

AOJ-171A
Basic Security Academy **3 UNITS**
3.0 hours lecture
The criminal justice system and the role of the security sector: the law and procedures relative to arrest, search and seizure, interrogation, custody, civil liability, and the moral, legal, and ethical use of force for security personnel. Emphasis is placed on security operations, emergency procedures, public relations, report writing, CPR, preparation for employment, and career opportunities in contract as well as proprietary security services. Satisfies California Department of Consumer Affairs, Bureau of Security and Investigative Services, licensing requirements for guard registration (guard card) for security officers. This course is offered on a Pass/No Pass basis only. (CSU)

AOJ-171B
Basic Security Academy **3 UNITS**
3.0 hours lecture
The criminal justice system and the role of the security sector: the law and procedures relative to arrest, search and seizure, interrogation, custody, civil liability, and the moral, legal, and ethical use of force for security personnel. Emphasis is placed on security operations, emergency procedures, public relations, report writing, CPR, preparation for employment, and career opportunities in contract as well as proprietary security services. Satisfies California Department of Consumer Affairs, Bureau of Security and Investigative Services, licensing requirements for guard registration (guard card) for security officers. This course is offered on a Pass/No Pass basis only. (CSU)

AOJ-171C
Basic Security Academy **3 UNITS**
3.0 hours lecture
The criminal justice system and the role of the security sector: the law and procedures relative to arrest, search and seizure, interrogation, custody, civil liability, and the moral, legal, and ethical use of force for security personnel. Emphasis is placed on security operations, emergency procedures, public relations, report writing, CPR, preparation for employment, and career opportunities in contract as well as proprietary security services. Satisfies California Department of Consumer Affairs, Bureau of Security and Investigative Services, licensing requirements for guard registration (guard card) for security officers. This course is offered on a Pass/No Pass basis only. (CSU)

AOJ-171D
Basic Security Academy **3 UNITS**
3.0 hours lecture
The criminal justice system and the role of the security sector: the law and procedures relative to arrest, search and seizure, interrogation, custody, civil liability, and the moral, legal, and ethical use of force for security personnel. Emphasis is placed on security operations, emergency procedures, public relations, report writing, CPR, preparation for employment, and career opportunities in contract as well as proprietary security services. Satisfies California Department of Consumer Affairs, Bureau of Security and Investigative Services, licensing requirements for guard registration (guard card) for security officers. This course is offered on a Pass/No Pass basis only. (CSU)

AOJ-172A
Advanced Security Academy **2 UNITS**
Prerequisite: "Pass" grade in AOJ 171 A-B-C-D or equivalent, or work experience as a California State Certified Security Guard and current CA Bureau of Security and Investigative Services (BSIS) guard card.
2.25 hours lecture, 0.75 hours laboratory
The role of the security officer with emphasis placed on the laws and liability of school security operations including disaster and emergency procedures. The course will include student conflict resolution and behavioral analysis, first aid, baton, defensive tactics, handcuffing, and chemical reagent use. Satisfies California Department of Consumer Affairs, Bureau of Security and Investigative Services, licensing requirements for baton permits for security officers. This course is offered on a Pass/No Pass basis only. (CSU)

AOJ-172B
Advanced Security Academy **2 UNITS**
Prerequisite: "Pass" grade in AOJ 171 A-B-C-D or equivalent, or work experience as a California State Certified Security Guard and current CA Bureau of Security and Investigative Services (BSIS) guard card.
2.25 hours lecture, 0.75 hours laboratory
The role of the security officer with emphasis placed on the laws and liability of school security operations including disaster and emergency procedures. The course will include student conflict resolution and behavioral analysis, first aid, baton, defensive tactics, handcuffing, and chemical reagent use. Satisfies California Department of Consumer Affairs, Bureau of Security and Investigative Services, licensing requirements for baton permits for security officers. This course is offered on a Pass/No Pass basis only. (CSU)

AOJ-172C
Advanced Security Academy **2 UNITS**
Prerequisite: "Pass" grade in AOJ 171 A-B-C-D or equivalent, or work experience as a California State Certified Security Guard and current CA Bureau of Security and Investigative Services (BSIS) guard card.
2.25 hours lecture, 0.75 hours laboratory
The role of the security officer with emphasis placed on the laws and liability of school security operations including disaster and emergency procedures. The course will include student conflict resolution and behavioral analysis, first aid, baton, defensive tactics, handcuffing, and chemical reagent use. Satisfies California Department of Consumer Affairs, Bureau of Security and Investigative Services, licensing requirements for baton permits for security officers. This course is offered on a Pass/No Pass basis only. (CSU)

AOJ-172D
Advanced Security Academy **2 UNITS**
Prerequisite: "Pass" grade in AOJ 171 A-B-C-D or equivalent, or work experience as a California State Certified Security Guard and current CA Bureau of Security and Investigative Services (BSIS) guard card.
2.25 hours lecture, 0.75 hours laboratory
The role of the security officer with emphasis placed on the laws and liability of school security operations including disaster and emergency procedures. The course will include student conflict resolution and behavioral analysis, first aid, baton, defensive tactics, handcuffing, and chemical reagent use. Satisfies California Department of Consumer Affairs, Bureau of Security and Investigative Services, licensing requirements for baton permits for security officers. This course is offered on a Pass/No Pass basis only. (CSU)

AOJ-200
Criminal Law **3 UNITS**
3.0 hours lecture
This course offers an analysis of the doctrines of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case law and case studies to introduce students to criminal law. The completion of this course offers a foundation upon which upper-division criminal justice courses will build. The course will also include some limited discussion of prosecution and defense decision making, criminal culpability and defenses to crimes. (C-ID AJ 120) (CSU)

AOJ-201
Legal Aspects of Security Management **3 UNITS**
3.0 hours lecture
This course assesses the legal issues that affect security officers and security management. Emphasis is placed on laws of arrest, search and seizure, detention, interrogation, and use of force. This course will also cover civil liability, property and privacy rights, and security management policy consideration. (CSU)

AOJ-202
Criminal Evidence **3 UNITS**
Recommended Preparation: "C" grade or higher in AOJ 200 or equivalent.
3.0 hours lecture
This course examines categories of evidence and legal rules governing its admission and exclusion in the criminal process. Discussions will include the origin, development, philosophy and constitutional basis of evidence; constitutional and procedural consideration affecting arrest, search and seizure, and custodial interrogations; kinds and degrees of evidence and rules governing admissibility; and judicial decisions involving criminal evidence. (C-ID AJ 124) (CSU)

AOJ-204
Criminal Trial Process **3 UNITS**
3.0 hours lecture
This course provides an examination and analysis of due process in criminal proceedings from pre-arrest through trial and appeal utilizing statutory law and state and constitutional law precedents. (C-ID AJ 122) (CSU)

AOJ-206
Criminal Investigation **3 UNITS**
3.0 hours lecture
This course addresses the techniques, procedures, and ethical issues in the investigation of crime, including organization of the investigative process, crime scene searches, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process. (C-ID AJ 140) (CSU)

AOJ-207
Investigative Techniques for Security Management **3 UNITS**
3.0 hours lecture
An overview of civil as well as criminal investigations in a security management setting. Emphasis is placed upon procedures, legalities, and technical aspects of specialized investigations relating to crime, pre-employment screening, sexual harassment, unlawful employment discrimination, accidents, unexplained losses, and other business activities. Proper documentation of a security investigation is also discussed. (CSU)

AOJ-208
Juvenile Procedures **3 UNITS**
3.0 hours lecture
This course is an examination of the origin, development, and organization of the Juvenile Justice System as it evolved in the American Justice System. The course explores the theories that focus on enforcement, adjudication and correctional policies associated with juvenile justice in addition to the constitutional protections extended to juveniles administered in the American Justice System. (C-ID AJ 220) (CSU)

AOJ-210
Leadership in Criminal Justice **3 UNITS**
3.0 hours lecture
An examination of the principles and practices of organization, administration and management in public safety and security environments (law enforcement, courts, corrections, and security). Emphasis is placed on planning, budgeting, human resources development, operations, supervision, evaluation, leadership, and ethical decision making. (CSU)

AOJ-214
Public Service Internship **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in AOJ 110 or equivalent.
Work experience as a sworn, reserve or volunteer person with a local public or private agency. (CSU) 108 hours work experience per semester.

AOJ-215
Public Service Internship **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in AOJ 110 or equivalent.
Work experience as a sworn, reserve or volunteer person with a local public or private agency. (CSU) 108 hours paid or unpaid work experience per semester.

AOJ-218
Crime Scene Technology **4 UNITS**
Prerequisite: "C" grade or higher in AOJ 150 or equivalent.
Recommended Preparation: "C" grade or higher in AOJ 148 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course is specially designed to prepare students to work in the field of forensic technology. This includes recognizing items of evidentiary value, preservation of the crime scene, crime scene photography, sketching a crime scene and evidence. The student will demonstrate proficiency in various forensic processing techniques and will prepare a court room ready presentation. (CSU)

AOJ-220
Forensic Analysis **4 UNITS**
Prerequisite: "C" grade or higher in AOJ 218 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course will examine the scientific method as it applies to the collection, processing and analyis of physical evidence associated with crime scenes. Lectures and labs will be utilized to explore techniques and theories related to collecting, processing and analyzing trace evidence, bloodstain patterns, footwear/tire impressions, firearms, ballistics, questioned documents, toxicology and serology. (CSU)

AOJ-224
Forensic Public Service Internship **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in AOJ 148 and 150 or equivalent.
Forensic work experience as a sworn, reserve or volunteer person with a local public or private agency or lab. (CSU) 10 hours work experience per week, 120 volunteer hours or 150 paid hours.

AOJ-230
Public Safety Communications **3 UNITS**
3.0 hours lecture
This course deals with all aspects of public safety communications. It will cover the techniques of effectively communicating facts, information and ideas in a clear and logical manner for a variety of public safety reports; i.e., crime/violation/incident reports, letters, memoranda, directives and administrative reports. Students will gain practical experience in interviewing, note taking, report writing and testifying. (CSU)

AOJ-240
Community and the Justice System **3 UNITS**
Recommended Preparation: "C" grade or higher in AOJ 110 or equivalent.
3.0 hours lecture
This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics covered may include crime prevention, restorative justice, conflict resolution, and ethics. (C-ID AJ 160) (CSU)

AOJ-249A
Advanced Officer Course **0.5 UNITS**
Prerequisite: Peace Officer status or paraprofessional in a related field, or AOJ students with 18 units in Administration of Justice coursework.
0.5 hours lecture
A basic introductory course designed for peace officers or paraprofessionals in a related field, who have completed their probationary period and are required to update their knowledge of current laws and procedures. Topics may include, but are not limited to: illegal substances, auto theft, gangs, telecommunications update, homeland security, blood spatter interpretation, forensic photography, CAD (computer aided design), leadership and ethics, digital imaging, crime scene investigation, field evidence technology, report writing, and physical training. This course is offered as a Pass/No Pass basis only. (CSU)

AOJ-249B
Advanced Officer Course **0.5 UNITS**
Prerequisite: Peace Officer status or paraprofessional in a related field, or AOJ students with 18 units in Administration of Justice coursework.
0.5 hours lecture
A basic introductory course designed for peace officers or paraprofessionals in a related field, who have completed their probationary period and are required to update their knowledge of current laws and procedures. Topics may include, but are not limited to: illegal substances, auto theft, gangs, telecommunications update, homeland security, blood spatter interpretation, forensic photography, CAD (computer aided design), leadership and ethics, digital imaging, crime scene investigation, field evidence technology, report writing, and physical training. This course is offered as a Pass/No Pass basis only. (CSU)

AOJ-249C
Advanced Officer Course **0.5 UNITS**
Prerequisite: Peace Officer status or paraprofessional in a related field, or AOJ student with 18 units in Administration of Justice coursework.
0.5 hours lecture
A basic introductory course designed for peace officers or paraprofessionals in a related field, who have completed their probationary period and are required to update their knowledge of current laws and procedures. Topics may include, but are not limited to: illegal substances, auto theft, gangs, telecommunications update, homeland security, blood spatter interpretation, forensic photography, CAD (computer aided design), leadership and ethics, digital imaging, crime scene investigation, field evidence technology, report writing, and physical training. This course is offered as a Pass/No Pass basis only. (CSU)

AOJ-249D
Advanced Officer Course **0.5 UNITS**
Prerequisite: Peace Officer status or paraprofessional in a related field, or AOJ students with 18 units in Administration of Justice coursework.
0.5 hours lecture
A basic introductory course designed for peace officers or paraprofessionals in a related field, who have completed their probationary period and are required to update their knowledge of current laws and procedures. Topics may include, but are not limited to: illegal substances, auto theft, gangs, telecommunications update, homeland security, blood spatter interpretation, forensic photography, CAD (computer aided design), leadership and ethics, digital imaging, crime scene investigation, field evidence technology, report writing, and physical training. This course is offered as a Pass/No Pass basis only. (CSU)

AOJ-250A
Advanced Officer Course **1.5 UNITS**
Prerequisite: Peace Officer status or paraprofessional in a related field, or AOJ students with 18 units in Administration of Justice coursework.
1.5 hours lecture
A basic introductory course designed for peace officers or paraprofessionals in a related field, who have completed their probationary period and are required to update their knowledge of current laws and procedures. Topics may include, but are not limited to: illegal substances, auto theft, gangs, telecommunications update, homeland security, blood spatter interpretation, forensic photography, CAD (computer aided design), leadership and ethics, digital imaging, crime scene investigation, field evidence technology, report writing, and physical training. This course is offered as a Pass/No Pass basis only. (CSU)

AOJ-250B
Advanced Officer Course **1.5 UNITS**
Prerequisite: Peace Officer status or paraprofessional in a related field, or AOJ student with 18 units in Administration of Justice coursework.
1.5 hours lecture
A basic introductory course designed for peace officers or paraprofessionals in a related field, who have completed their probationary period and are required to update their knowledge of current laws and procedures. Topics may include, but are not limited to: illegal substances, auto theft, gangs, telecommunications update, homeland security, blood spatter interpretation, forensic photography, CAD (computer aided design), leadership and ethics, digital imaging, crime scene investigation, field evidence technology, report writing, and physical training. This course is offered as a Pass/No Pass basis only. (CSU)

AOJ-250C
Advanced Officer Course **1.5 UNITS**
Prerequisite: Peace Officer status or paraprofessional in a related field, or AOJ students with 18 units in Administration of Justice coursework.
1.5 hours lecture
A basic introductory course designed for peace officers or paraprofessionals in a related field, who have completed their probationary period and are required to update their knowledge of current laws and procedures. Topics may include, but are not limited to: illegal substances, auto theft, gangs, telecommunications update, homeland security, blood spatter interpretation, forensic photography, CAD (computer aided design), leadership and ethics, digital imaging, crime scene investigation, field evidence technology, report writing, and physical training. This course is offered as a Pass/No Pass basis only. (CSU)

AOJ-250D
Advanced Officer Course **1.5 UNITS**
Prerequisite: Peace Officer status or paraprofessional in a related field, or AOJ students with 18 units in Administration of Justice coursework.
1.5 hours lecture
A basic introductory course designed for peace officers or paraprofessionals in a related field, who have completed their probationary period and are required to update their knowledge of current laws and procedures. Topics may include, but are not limited to: illegal substances, auto theft, gangs, telecommunications update, homeland security, blood spatter interpretation, forensic photography, CAD (computer aided design), leadership and ethics, digital imaging, crime scene investigation, field evidence technology, report writing, and physical training. This course is offered as a Pass/No Pass basis only. (CSU)

AOJ-251A
Advanced Officer Course **2.5 UNITS**
Prerequisite: Peace Officer status or paraprofessional in a related field, or AOJ students with 18 units in Administration of Justice coursework.
2.5 hours lecture
A basic introductory course designed for peace officers or paraprofessionals in a related field, who have completed their probationary period and are required to update their knowledge of current laws and procedures. Topics may include, but not be limited to: illegal substances, auto theft, gangs, telecommunications update, homeland security, blood spatter interpretation, forensic photography, CAD (computer aided design), leadership and ethics, digital imaging, crime scene investigation, field evidence technology, report writing, and physical training. This course is offered as a Pass/ No Pass basis only. (CSU)

AOJ-251B
Advanced Officer Course **2.5 UNITS**
Prerequisite: Peace Officer status or paraprofessional in a related field, or AOJ students with 18 units in Administration of Justice coursework.
2.5 hours lecture
A basic introductory course designed for peace officers or paraprofessionals in a related field, who have completed their probationary period and are required to update their knowledge of current laws and procedures. Topics may include, but not be limited to: illegal substances, auto theft, gangs, telecommunications update, homeland security, blood spatter interpretation, forensic photography, CAD (computer aided design), leadership and ethics, digital imaging, crime scene investigation, field evidence technology, report writing, and physical training. This course is offered as a Pass/No Pass basis only. (CSU)

AOJ-251C
Advanced Officer Course **2.5 UNITS**
Prerequisite: Peace Officer status or paraprofessional in a related field, or AOJ students with 18 units in Administration of Justice coursework.
2.5 hours lecture
A basic introductory course designed for peace officers or paraprofessionals in a related field, who have completed their probationary period and are required to update their knowledge of current laws and procedures. Topics may include, but not be limited to: illegal substances, auto theft, gangs, telecommunications update, homeland security, blood spatter interpretation, forensic photography, CAD (computer aided design), leadership and ethics, digital imaging, crime scene investigation, field evidence technology, report writing, and physical training. This course is offered as a Pass/No Pass basis only. (CSU)

AOJ-251D
Advanced Officer Course **2.5 UNITS**
Prerequisite: Peace Officer status or paraprofessional in a related field, or AOJ students with 18 units in Administration of Justice coursework.
2.5 hours lecture
A basic introductory course designed for peace officers or paraprofessionals in a related field, who have completed their probationary period and are required to update their knowledge of current laws and procedures. Topics may include, but not be limited to: illegal substances, auto theft, gangs, telecommunications update, homeland security, blood spatter interpretation, forensic photography, CAD (computer aided design), leadership and ethics, digital imaging, crime scene investigation, field evidence technology, report writing, and physical training. This course is offered as a Pass/No Pass basis only. (CSU)

AOJ-252
Advanced Forensic Photography **4 UNITS**
Prerequisite: "C" grade or higher in AOJ 150 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
Students will learn advanced investigative photographic techniques using still photographs, video tape, and digital imaging for evidentiary presentations. The latter method will include computerized applications of forensic photography. These special techniques will be practiced and demonstrated by students for use in police training, public information, police investigation, evidence preparation, court demonstration, and police community relation applications. (CSU)

AOJ-254
Advanced Fingerprint Identification **3 UNITS**
Prerequisite: "C" grade or higher in AOJ 148 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course covers analyses, comparison and evaluation of friction ridge skin with emphasis on individualization of finger and palm prints including learning the topography of palms and soles. This course would be of benefit to criminal investigators, and those who are interested in forensic identification. Students will learn methods and procedures for developing and preserving visible and latent crime scene impressions. Students will be expected to demonstrate proficiency in identification of finger and palm prints. (CSU)

AOJ-260
Information Security **3 UNITS**
3.0 hours lecture
This course focuses on procedures, policies, and equipment designed to protect private and government proprietary and intellectual information and investigate breaches of security. This course also examines the collection, analysis, and preservation of digital evidence from computer crime scenes. Emphasis is placed upon knowledge of investigative principles, applicable case law, physical and technical security, security management responsibilities, and countermeasures designed to protect and analyze information collection, storage, processing, and transmission. (CSU)

AOJ-264
Terrorism and Homeland Security **3 UNITS**
3.0 hours lecture
This course is an introduction to global and domestic terrorism, and the homeland security response of the United States government and local agencies. Also examined is how international and domestic terrorist groups affect the U.S. to include their history, ideological beliefs, motivation, funding, and methods of operation. The effort of the U.S. military, intelligence, and law enforcement to combat terrorism will be examined as well as how effective the response has been and what impact it?s had on civil liberties and homeland security. (CSU)

AOJ-271
Action Planning for Ethical Leadership **1.5 UNITS**
1.5 hours lecture
This is a twenty-four hour course, designed for all sworn and civilian law enforcement personnel to provide a forum for them to explore and address self-identified contemporary leadership and ethical issues. The purpose of this course is to build on basic and advanced leadership, management and ethical courses to enhance personal and professional growth in ethics and leadership. This course will concentrate on learner-identified issues pertinent to each learner?s experience and organization. The learners will work in small groups to create a prioritized list of leadership and ethical challenges and competencies facing their organizations and law enforcement in general. Learners will assess their leadership styles and competencies, and assist in determining the content for the course. The learners will research identified issues, and develop action plans to address those issues. Each learner and small group will be required to create action plans and present a portion of their plans to the larger learning group. This course is offered on a Pass/No Pass basis only. (CSU)

American Sign Language (ASL)

ASL-120
American Sign Language I **4 UNITS**
4.0 hours lecture
Introduction to American Sign Language as it is used within the Deaf culture. Instruction in the basic structure of the language and development of its use. Skill development practice. Introduction to the history of Deaf culture and the language. Introduction to the Deaf perspective on the establishment of Deaf communities and ASL. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

ASL-121
American Sign Language II **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ASL 120 or equivalent.
4.0 hours lecture
This course is a continuation of American Sign Language 120. Students will increase their knowledge of ASL, the Deaf community, and the deaf culture. Students will develop conversational skills by learning to use grammar functions that increase fluency. Complex narratives will be used to expand vocabulary and apply linguistic features of ASL. This course will provide an opportunity for students to improve and enhance their ability to communicate in American Sign Language. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,6A, Cal-GETC-3B)

ASL-130
American Sign Language: Fingerspelling **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ASL 120 or equivalent ability to sign.
3.0 hours lecture
This course is taught using American Sign Language. The manual alphabet of fingerspelling and its use within native signers is introduced. The emphasis is placed on learning decoding strategies using a cognitive science approach. Upon completion of this course, students will demonstrate increased ability to accurately produce and comprehend fingerspelling and number systems when they appear in narratives. Extensive practice of cognitive approaches for both receptive and expressive use will be applied.(CSU/UC)

ASL-131
American Sign Language: Fingerspelling II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ASL 130 or equivalent or one year of high school ASL fingerspelling or equivalent.
3.0 hours lecture
This course is a continuation of American Sign Language 130 using fingerspelling skills at an intermediate to advanced level. Students will increase their ability to produce and comprehend fingerspelling and number systems at an intermediate level and beyond. Expressive skills will focus on "Rapid", "Careful", and "Lexicalized" types of fingerspelling, as well as, shortcuts at near-native fluency rates. Receptive skills will focus on comprehension of fingerspelling at near-native fluency rates. (CSU/UC)

ASL-140
Inside Deaf Culture **3 UNITS**
3.0 hours lecture
This course will introduce students to the unique aspects of the Deaf culture. Students will examine political and social issues, past and present trends, historical perspectives, and distinguish the community from the culture. The unique structure of sign language and its linguistic components will also be studied. Students will be introduced to the dynamics of families when there are both hearing and Deaf family members and how hearing and Deaf cultures impact the family unit. The cultural values and behaviors unique to Deaf people will also be explored through their heritage, literature, and Deaf artists. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ASL-220
American Sign Language III **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ASL 121 or equivalent.
4.0 hours lecture
This course continues the study of American Sign Language. Students will continue their development of sign language vocabulary, grammar structures, and conversational skills. This course will provide an opportunity for students to greatly improve their ability to communicate in American Sign Language by studying the nuances and intricacies of the language. Students will persist in enriching their studies and awareness through a focus on the Deaf community as a distinct culture. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,6A,Cal-GETC-3B)

ASL-221
American Sign Language IV **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ASL 220 or equivalent.
4.0 hours lecture
This course is taught using American Sign Language. This is an advanced course designed to increase vocabulary, examine the use of semantic and body classifiers, expand and develop conversational signing ability through the use of appropriate grammar structures and storytelling. Popular Deaf culture stories are learned through the development of storytelling techniques. The rich heritage of Deaf people is studied through biographies of those who are famous for their contribution. This course elevates the awareness of equity and inclusion of diverse Deaf people by using roleplays and folklore, literature, and humor specific to the Deaf culture. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,6A, Cal-GETC-3B)

Anthropology (ANTH)

ANTH-120
Cultural Anthropology **3 UNITS**
3.0 hours lecture
An introduction to the study of cultural aspects of humans. The course explores human diversity through comparative, cross-cultural study of subsistence practices, economics, language, social organization, political structure, religion, and social identity including gender, class and ethnicity. Theories and methods used by anthropologists to study culture are presented. (C-ID ANTH 120) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4,Cal-GETC-4)

ANTH-122
Anthropology of Magic, Witchcraft, and Religion **3 UNITS**
3.0 hours lecture
This course examines magic and religion from a cross-cultural perspective. Emphasis is placed on understanding supernatural beliefs, practices, and rituals in their social contexts including societies in Africa, Oceania, the Americas, Asia, and elsewhere. Anthropological theories of magic and religion are explored. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ANTH-127
Cultures of Latin America **3 UNITS**
3.0 hours lecture
This course focuses on the ethnographic study of Latin American cultures. Students learn how various Latin American nation-states emerged and changed from the pre-Colombian period to today. Specific topics may include: colonialism, revolution, social movements, race, ethnicity, indigenous peoples, inequality, gender, health, religion, globalization, and popular culture. Throughout, we consider similarities and differences among the cultures of Latin America.(CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ANTH-130
Introduction to Biological Anthropology **3 UNITS**
3.0 hours lecture
An introduction to biological anthropology, the study of human biology and behavior from an evolutionary perspective. Topics covered include evolutionary theory, principles of genetics, biology and behavior of nonhuman primates, the fossil evidence for human and primate evolution, and modern human biological and cultural diversity.(C-ID ANTH 110) (CSU/UC) (AA/AS-5, CSU-B2, IGETC-5B, Cal-GETC-5B)

ANTH-131
Biological Anthropology Laboratory **1 UNITS**
Corequisite: "C" grade or higher or "Pass" or concurrent enrollment in ANTH 130 or equivalent.
3.0 hours laboratory
A laboratory experience designed to reinforce and expand ideas introduced in Anthropology 130. Students will use biological anthropological methods and tools to solve problems in the areas of genetics, human variation, human osteology, primate biology and behavior, and human evolution. (C-ID ANTH 115L) (CSU/UC) (AA/AS-5, CSU-B3, IGETC-5C, Cal-GETC-5C)

ANTH-140
Introduction to Archaeology **3 UNITS**
3.0 hours lecture
An introduction to the field of archaeology, the study of past human societies through their material remains. The course will provide an introduction to field methods, categories of data and theoretical approaches in archaeology. Major developments in world prehistory will be examined using archaeological evidence. The relevance of archaeological research to contemporary society will also be addressed. (C-ID ANTH 150) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4A, Cal-GETC-4)

ANTH-215
Statistics for the Behavioral Sciences **4 UNITS**
Prerequisite: Appropriate placement or intermediate algebra.
3.5 hours lecture, 1.5 hours laboratory
Methods and experience in defining and solving quantitative problems in the behavioral sciences. Emphasis is on the design of experiments and the application of a variety of parametric and nonparametric techniques to the analysis of data. (C-ID MATH 110, SOCI 125) (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A,Cal-GETC-2)

Arabic (ARBC)

ARBC-120
Arabic I **5 UNITS**
5.0 hours lecture
An introductory course to the Arabic language and the cultures of its speakers. This course is designed for students with very little or no knowledge of Arabic. It facilitates the practical application of the language in everyday oral and written communication at the beginning level. Since the focus will be on basic communication skills, the class will be conducted in Arabic as much as possible. Students will learn structures that will enable them to function in Arabic in everyday contexts while becoming familiar with the Arabic speaking world. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

ARBC-121
Arabic II **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ARBC 120 or two years of high school Arabic or equivalent.
5.0 hours lecture
This second course will continue to develop oral skills based on practical everyday needs and written skills based on the formal communication on practical everyday needs. Students with three years of high school Arabic should enroll in Arabic 220. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,6A, Cal-GETC-3B)

ARBC-122
Arabic for the Arabic Speaker I **5 UNITS**
5.0 hours lecture
Fundamentals of spoken and written Arabic for the bilingual speaker. This course is designed to help Arabic-speaking students further improve their oral and written communication skills. Emphasis on writing, translation, reading comprehension, and vocabulary building at the intermediate level in a cultural and linguistic context. Exposure to the diversity within the cultures of the Arabic-speaking world. The students will also gain skills which will help them translate sentences accurately while preserving their integrity and their meaning. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

ARBC-123
Arabic for the Arabic Speaker II **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ARBC 122 or equivalent.
5.0 hours lecture
This course is designed to help the bilingual Arabic-speaking students further improve their oral and written communication skills. In addition, it provides the bilingual speaker with the linguistic and learning skills required for successfully completing upper division courses in Arabic. This course will be beneficial to students interested in gaining proficiency in translation skills needed for employment as bilingual interpreters. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-UC LOTE)

ARBC-148
Language, Culture, and Literature of the Arab World **3 UNITS**
3.0 hours lecture
Social, literacy and cultural study of the modern Arab societies. Introduction to the peoples and culture of the Arab world as reflected in language and literature. Discussion of linguistic variations as well as differences in cultural habits and practices. Literature, television and culture will form the basis of discussions on major themes. Reading will include novels, newspapers articles and short stories. The course will be taught in English. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ARBC-161
Basic Arabic for Healthcare Professionals **1 UNITS**
1.0 hours lecture
A course leading to basic medical communication and interaction in Arabic. The course provides the healthcare professionals with elementary oral skills and exploration of Arabic culture to facilitate communication with Arabic-speaking patients. (CSU)

ARBC-196
Community Service Learning Experience **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ARBC 120 or equivalent.
Community Service-Learning Experience (CSLE) is a community outreach program, which promotes the national agenda of volunteer engagement. The purpose of this course is to provide the student an opportunity to practice and use the Arabic language in a community-based site and to explore different career options. This program also aims to immerse students in advocacy and civic engagement initiatives and expose them to social movements, change efforts and intergroup relations. (CSU) 54 hours paid or unpaid work experience per semester.

ARBC-220
Arabic III **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ARBC 121 or three years of high school Arabic or equivalent.
5.0 hours lecture
This third course will emphasize a higher level application of the language in oral, listening, reading and writing in order to acquire proficiency in Arabic while further becoming familiar with the Arabic speaking world. Students with four years of high school Arabic should enroll in Arabic 221. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

ARBC-221
Arabic IV **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ARBC 220 or ARBC 122 or four years of high school Arabic or equivalent.
5.0 hours lecture
Arabic 221 serves as a direct continuation of Arabic 220. This course will build upon the foundations established in Arabic 220, focusing on enhancing oral, reading, writing, and listening skills to elevate proficiency in Arabic. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

ARBC-250
Conversational Arabic I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ARBC 121 or 122 or 123 or 220 or 221 or three years of high school Arabic or equivalent.
3.0 hours lecture
This course focuses on intermediate level conversation development with vocabulary building and improvement of speaking proficiency in the context of Arabic culture. Conversations in the Egyptian dialect are based on everyday situations and cultural events. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

ARBC-251
Conversational Arabic II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ARBC 250 or four years of high school Arabic or equivalent.
3.0 hours lecture
This course continues to focus and expand on intermediate level conversation development with more complex and varied vocabulary building and improvement of speaking proficiency in the context of Arabic-speaking culture. Conversations on Egyptian dialect are based on current and cultural events. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

Art (ART)

ART-100
Art Appreciation **3 UNITS**
3.0 hours lecture
This course provides a general introduction to art through the analysis of art theory, terminology, themes, design principles, media, and techniques. This course also introduces the visual arts across time and through diverse cultures with an emphasis on function, meaning, and style. This course includes topics such as: Defining Art: Functions; Visual Elements of Art; Principles of Design, Media and Techniques; Methodologies of Art History and Art Criticism; museum and gallery visits; and an overview of art history from a local and global perspective. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

ART-104
Artists and Designers Today **3 UNITS**
3.0 hours lecture
This course examines the wide variety of formats that contemporary artists work in today. It is an overview of current practice and enables students to gain insight into art, design, craft and new genre disciplines, including but not limited to painting, sculpture, graphic design, interior design, industrial design, furniture design, photography, fibers, ceramics, metalwork, installation, performance, street art and multimedia. Students will be introduced to ways in which visual culture is contextualized, theorized, and displayed through curatorial studies as well as social media. Students will be exposed to course content through lecture, visiting artists talks, readings, and visits to local galleries and museums. This course is designed for students beginning the study of art and/or related disciplines. (CSU)

ART-106
Introduction to Mural Painting and Design **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ART 120 or ART 124.
2.0 hours lecture, 4.0 hours laboratory
This course explores the cultural history of mural painting as well as the social and political issues related to the creation and public reception of mural paintings. Several aspects and methods used in the production of public art works will be covered. Issues examined will include proposal, design, budget, procuring materials, safety concerns, and installation. Students will implement artistic skills, techniques and concepts to design and produce works collaboratively and consider the importance of the community in the mural-making process. (CSU/UC)

ART-119
Color Theory **3 UNITS**
2.0 hours lecture, 4.0 hours laboratory
A star of visual expression, color is both physical and psychological. This course will explore the principles, theories, and applications of additive and subtractive color in two dimensions. Topics will include major historical and contemporary color systems, production of projects in applied color, and the elements of design as they apply to the optical perception of color. (C-ID ARTS 270) (CSU/UC)

ART-120
Two-Dimensional Design **3 UNITS**
2.0 hours lecture, 4.0 hours laboratory
Introduction to two-dimensional arts through the study of historical, theoretical and cultural works of the human imagination. Examine form and content through the application of the art elements and the principles of organization to elicit unity in visual communication. Development of the fundamentals needed for creative expression in visual composition and design. (C-ID ARTS 100) (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

ART-121
Painting I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 120 or ART 124 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
Introduction to principles, elements, and practices of painting. Emphasizes painting tools, materials, techniques and color theory as well as creative responses to subject matter. Students will develop skill in handling form, space, and plastic aspects of acrylic and/or oil paints as well as examine painting as a vehicle for social, political, and cultural expression. (C-ID ARTS 210) (CSU/UC)

ART-124
Drawing I **3 UNITS**
2.0 hours lecture, 4.0 hours laboratory
Introduction to drawing through the study of historical, theoretical, and cultural works of the human imagination. Examine form and content through conceptual and stylistic developments of drawing as a vehicle for social and cultural expression. Focus on perceptually based drawing, observational skills, technical abilities, and creative responses to materials and subject matter. (C-ID ARTS 110) (CSU/UC) (AA/AS-3)

ART-125
Drawing II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 124 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
Drawing II stresses the media techniques and craftmanship of both traditional and contemporary drawing. There will be a greater analysis and emphasis on the expressive possibilities of drawing as well as its aesthetic component. Exploration of conceptual and stylistic developments of drawing as a vehicle for social and cultural expression. (C-ID ARTS 205) (CSU/UC)

ART-126
Ceramics I **3 UNITS**
2.0 hours lecture, 4.0 hours laboratory
Ceramics I is the examination of historical and contemporary ceramic art. Ceramic artwork from differing cultures, time periods, and artists will be analyzed and critiqued while investigating how societal and technological beliefs and developments have influenced the evolution of the ceramic arts. Fundamental, essential historic and intellectual approaches of ceramic art creation will be explored, as well as both functional and conceptual applications. Assignments and projects for this course require no prior knowledge of tools, equipment or ceramic materials. This is a comprehensive introductory ceramics course that will aid in gaining knowledge of historical and contemporary works of ceramic art and could lead to further study of ceramics or 3-D and 2-D based art courses and professions. (CSU/UC) (AA/AS-3, CSU-C1)

ART-127
Ceramics II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 126 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
A course for those who wish to understand the principles of ceramic material, technologies related to the field of ceramics, and design within a problem-solving environment. Specific aesthetic and technical criteria will be examined and individual development will be emphasized. Health and safety concerns are stressed. (CSU/UC)

ART-128
Ceramics III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 127 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
A course for those who wish to develop more advanced skills of clay technique and glaze formulation and increase their knowledge of ceramics as an art form. Historical and contemporary works will be emphasized. Health and safety concerns are stressed. (CSU/UC)

ART-129
Three-Dimensional Design **3 UNITS**
2.0 hours lecture, 4.0 hours laboratory
Three-Dimensional Design is an introduction to the fundamental principles of three-dimensional composition emphasizing the formal elements and language of design. Basic visual, tactile and conceptual methods of defining space are examined in a series of compositional exercises. A variety of materials are used to explore the Elements of line, shape, mass, texture and volume through the application of design Principles such as balance, emphasis, rhythm, harmony, contrast, repetition, proportion, scale and unity. The historical development of design and aesthetics is studies along with how social, political and cultural beliefs have influenced artists and design professionals. Assignments in this course are non-technical and do not require prior knowledge of tools and equipment. Three-dimensional design is a comprehensive introductory course that could lead to future study in a diverse range of art and design professions. (C-ID ARTS 101) (CSU/UC) (AA/AS-3)

ART-130
Sculpture I **3 UNITS**
2.0 hours lecture, 4.0 hours laboratory
An examination of the history, theories, methods, and materials of modern sculpture. The focus of this course will be on the conceptual and technological developments of sculpture including an exploration of sculpture from a diversity of cultures and an investigation into sculpture's role as a vehicle for social, political, cultural, and personal expression. An emphasis is placed on skill development, the ability to control media, and the exploration of communication and personal expression through the aesthetic object. (CSU/UC) (CSU-C1, IGETC-3A, Cal-GETC-3A)

ART-131
Jewelry Design I **3 UNITS**
2.0 hours lecture, 4.0 hours laboratory
A beginning course that introduces fundamentals of design and execution of jewelry forms. A variety of materials and processes will be used to explore jewelry as a vehicle of aesthetic expression. The historical development of Metal Casting, Metal Smithing, Precious Stones and Found Objects as body adornment will be introduced along with an examination of cultural influence on the small-scale metal and jewelry designer. (CSU)

ART-132
Jewelry Design II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 131 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
An intermediate course continuing the development of skills introduced in Jewelry Design I. This course will introduce the design and technical skills required for the execution of more complex jewelry forms. A variety of materials and processes will be explored through a series of design problems. Historical development of metal-smithing and advanced casting processes will be examined across diverse cultures and groups. (CSU)

ART-133
Metalsmithing & Casting **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 131 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
An advanced course that introduces both the fundamentals of metalsmithing and casting processes. Through a lens of inclusion, the design and fabrication of holloware and metal objects as well as the historical development of metalsmithing will be introduced. Considering cultural diversity, different methods of casting will be explored including lost wax casting and casting organic materials. Mold making processes will also be introduced and students will be able to express their personal aesthetic through a series of individual projects. (CSU)

ART-136
Glaze Formulation **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 126 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
A course for those who wish to develop skills in glaze formulation, calculation, and response to defects for cone 6 glazes. The course will also discuss issues of health and safety. The class will not include construction of any objects to be glazed other than test tiles. (CSU)

ART-140
Survey of Western Art I: Prehistory Through Middle Ages **3 UNITS**
3.0 hours lecture
This course provides an overview of western artworks and architecture from prehistory through the Middle Ages with an emphasis on content, context, and style. This course covers subject matter, function, iconography, patronage, artistic methods and influences, and social and cultural contexts of artworks and monuments. This course includes art from: the Paleolithic and Neolithic periods: Mesopotamia, Ancient Egypt, the Aegean, Ancient Greece, Etruscan, and Roman times; Early Christian, Byzantine, Islamic, and Early Medieval periods; Romanesque; and Gothic. (C-ID ARTH 110) (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

ART-141
Survey of Western Art II: Renaissance Through Modern **3 UNITS**
3.0 hours lecture
This course provides an overview of art and architecture, from the Renaissance to the modern era with an emphasis on content, context, and style. This course covers subject matter, function, iconography, patronage, artistic methods and influences, and social and cultural contexts of artworks and monuments. This course includes art from: the Italian Renaissance, Mannerism, Fifteenth- and Sixteenth-Century Flemish art, Baroque, Rococo, Neo-Classicism, Romanticism, Realism, Impressionism, Post-Impressionism, and art of the major movements of the twentieth century. ((C-ID ARTH 120) (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

ART-142
Art of Africa, Oceania and the Americas **3 UNITS**
3.0 hours lecture
This course provides an overview of visual culture within select regions in Africa, Oceania, and the Americas with an emphasis on content, context, and style. This course covers subject matter, function, iconography, patronage, artistic methods and influences, and social and cultural contexts of artworks and monuments. This course includes art from: Africa, Oceania, Indigenous North America, Mesoamerica, and South America. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

ART-143
Modern Art **3 UNITS**
3.0 hours lecture
This course provides an overview of art and architecture from the Western modern period of the nineteenth and the twentieth centuries with an emphasis on content, context, and style. This course covers subject matter, function, iconography, patronage, artistic methods and influences, and social and cultural contexts of artworks and monuments. This course includes art from: Impressionism, Post-Impressionism, Symbolism, Art Nouveau, Fauvism, Cubism, Non-Objectivity, Expressionism, Dada, Surrealism, Post WWII art forms in Europe and America through Pop Art and Conceptual Art. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

ART-145
Contemporary Art **3 UNITS**
3.0 hours lecture
This course provides a survey of periods, artworks, and architecture in Contemporary Art with an emphasis on content, context, and style. This course covers subject matter, iconography, patronage, artistic methods and influences, and social and cultural contexts of artworks and monuments within local and global cultures. This course explores themes of: personal and group identity; gender and sexual identity; national identity; political and social commentary; public funding of controversial art; representation, abstraction, and site-specific art and architecture, Appropriation and New Media, and global and local art movements collectively called Contemporary Art. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

ART-146
Asian Art **3 UNITS**
3.0 hours lecture
This course provides a select overview of art and architecture from Asia from prehistory to modern times with an emphasis on content, context, and style. This course covers subject matter, function, iconography, patronage, artistic methods and influences, and social and cultural contexts of artworks and monuments. This course includes art from: the Indus Valley, Early Buddhist and Hindu Art in Ancient India, later Indian art including Mughal, Neolithic through early Imperial China, Northern Wei through Tang dynasties, later China through contemporary era, Korea,archeological Japan through Heian, and later Japan through contemporary era. (C-ID ARTH 130) (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

ART-147
American Art **3 UNITS**
3.0 hours lecture
This course provides a survey of periods, artwork, and architecture of the United States with an emphasis on content, context, and style. This course covers subject matter, function, iconography, patronage, artistic methods and influences, and social and cultural contexts of artworks and monuments. This course includes art from the following topics: Colonial art before and after the American Revolution; painting, sculpture, and architecture as emblems for national identity and class; themes of race, freedom, and war in art; images of the working class and domestic culture; industrialization and its influence on modernism in art. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

ART-171
Introduction to Digital Art **3 UNITS**
2.0 hours lecture, 4.0 hours laboratory
Introductory studio course into the fundamental theories, concepts and practices of digital art production. The course provides for an in-depth study and experimentation in various digital visualization theories, processes, and used in the visual arts. Topics include integration of traditional design, color, and compositional principles with contemporary digital tools and emerging technologies. Lectures, demonstrations, and practice with digital illustration and painting, digital photography and image manipulation, typography and page layout, digital animation and/or time-based media. (CSU/UC) (AA/AS-3)

ART-175
Digital Imaging and Art **3 UNITS**
2.0 hours lecture, 4.0 hours laboratory
In introduction to the principles of digital imaging for artists, using computers as a primary image manipulation tool. Course content will include fundamentals of the computer imaging environment, digital scanning, image enhancement through current raster-based software applications and optimized printing strategies for both photographs, graphics and drawings. Image restoration, experimental manipulations, merging of visual files and digital sequential presentations will provide students with an elementary understanding of the scope and range the computer provides for today's digital imaging artists. (CSU)

ART-177
Digital Drawing and Painting **3 UNITS**
2.0 hours lecture, 4.0 hours laboratory
This introductory course will survey traditional drawing and painting strategies using the simulated tools and textures of current computer technologies such as painting software, drawing tablets, scanners and still video for input and the final image output will utilize color printers for optimum results. These digital technologies will allow for immediate investigation of the fundamental pictorial elements of line, shape, space, color, and texture, as well as the formal relationship of these elements to image composition, harmony, contrast and balance. Various image formats and presentation modes will be explored including description, narrative, illustration, collage, and image sequencing. (CSU/UC)

ART-184
Introduction to Animation **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 120 or ART 124 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
Drawing and visual design are required skills to be successful in the field of animation. The principles of motion, story telling and conceptual development, as well as the application of these disciplines to current technology, will develop for the student an understanding of animation. By examining these essential steps and skills involved for visual artists, this course will emphasize such classical drawing topics as perspective, composition and color theory as well as develop life-drawing skills through the study of proportion, line of action, structure and basic anatomy. The rudiments of animation such as layout and character design are introduced, as are clean-up, inbetweening and assisting. Students will develop an understanding of animation through the exploration of timing and movement via digital vector graphics, digital ink and paint software and digital editing software to complete an animated sequence. (CSU)

ART-210
Introduction to Printmaking **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ART 120 or ART 124 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
This course is an introduction to the basic materials, equipment, and processes of printmaking, including relief (linocut and woodcut), intaglio (drypoint and collagraph), planography (monotype), and stencil (screen print). Topics will include major historical and contemporary cultural movements in printmaking, color and design applications, as well as creative responses to materials and subject matter. (CSU/UC)

ART-211
Intermediate Printmaking **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 210 - Introduction to Printmaking.
2.0 hours lecture, 4.0 hours laboratory
This intermediate printmaking course explores color printing and approaches at a deeper level. It includes the integration of digital imagery and technologies to generate and alter images in preparation for traditional, physical, and hybrid printing processes. Topics will include current cultural movements in printmaking, complex color and design applications, as well as individualized approaches to materials and subject matter. (CSU/UC)

ART-212
Screen Printing **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ART 124 or Art 120 or equivalent.
3.0 hours lecture, 4.0 hours laboratory
This course is an introduction to the basic tools, materials, equipment, and processes of screen printing. Topics will include historical and contemporary cultural movements in screen printing, color and design applications, screen and stencil basics, as well as creative responses to materials and subject matter.

ART-220
Painting II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 121 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
Continuation of Painting I with emphasis on stylistic analysis and development of personal expression. (CSU/UC)

ART-221
Painting III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 220 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
This advanced painting course offers a wider selection of painting mediums to include acrylic, oil, and encaustic. Topics will include major historical and contemporary cultural movements in painting, as well as creative responses to materials and subject matter. Students will continue developing a personal style of expression. (CSU/UC)

ART-222
Painting IV **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 221 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
This advanced painting course focuses on a series of paintings that develop a personal theme or statement. Advanced painting techniques will be combined with complex compositional devices. Students will create an extensive art portfolio. (CSU/UC)

ART-226
Ceramics IV **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 128 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
A course for those who wish to develop a specific body of ceramic works with an emphasis on the aesthetic development of a personal style. The fundamentals of exhibiting and professionalism will be discussed as well as portfolio development. (CSU/UC)

ART-227
Ceramics Exhibition and Portfolio **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 226 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
A course for those who wish to focus on creating a cohesive and individual body of handbuilt or thrown ceramic works with the goal of presenting it as an exhibition or portfolio for advanced education or exhibition purposes. This would include photographing of the work for archival purposes and creating an artist statement and resume. (CSU)

ART-229
Sculpture II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 130 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
An expansion of the concepts covered in Art 130. This course is for those who wish to develop a more advanced conceptual and technological knowledge of contemporary sculpture. The history, theories and techniques used in contemporary sculpture will be emphasized. An examination of personal direction and communication skills through mixed media will be explored. (CSU/UC)

ART-230
Figure Drawing I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 124 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
Introduction to the theory, practice, and history of drawing the human figure from life. Study surface anatomy related to the skeletal and muscular systems of the human form. Examine issues pertaining to larger cultural views of the body and seek to create individual meaning in the act of drawing the figure. (C-ID ARTS 200) (CSU/UC)

ART-231
Figure Drawing II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 230 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
Builds on concepts and skills developed in Art 230. Study surface anatomy related to the skeletal and muscular systems of the human form. Emphasize stylistic analysis and interpretation as well as development of individual expression working from the nude model. Examine issues pertaining to larger cultural views of the body in art. Explore working on a larger scale and using an assortment of dry and wet media in contemporary styles. (CSU/UC)

ART-240
Portraiture and Character Design **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ART 124 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
The investigation of the human face and body through portraiture and character design is the basis for drawings of both representational and expressive styles, using both analog and digital media. The student will study the human face by means of fundamental shapes, axes, and formal devices as guides for correct proportions and structured compositions. The student will learn the names of the various bones that make up the skull and the musculature of the human head. The students study facial expressions and caricature. Students will design their own characters based on unique scenarios and environments. The history of portraiture and character design will be examined as well as its aesthetic and cultural implications as a genre in society. The course examines how portraiture and character design may express ideas about power, status, stages of life, gender, and identity and considers the many functions of portraiture as work of art, design, biography, document, commemoration and memorial. (CSU/UC)

ART-280
Sculpture III: The Structure of Sculpture **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 229 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
This course concentrates on the role of structure in sculpture of all media. Basic principles of balance and structural stability; fabrication of shapes and elements; and the design of frameworks, membranes, plates, shells and connection elements will be examined. Students will demonstrate their understanding of the course curriculum by producing individual sculptures. The course offers students the opportunity to learn how medium to large scale sculpture is conceived, planned, constructed and installed. (CSU/UC)

ART-281
Studio Workshop in Public Art **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 229 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
This course is designed for students that have an interest in public art theory as applied to planning and applying for commissions in a public context. The course will examine issues of planning and public art design, as well as examining public art theory through case studies and planning models. Issues examined will include funding models, issues of community context, collaboration with public and private agencies, contracts, liability issues, and strategies for planning and implementation. Students will design a public art proposal, a detailed budget, and prepare a presentation within a lab context. In most cases, students and the department will attempt to secure an actual commission in conjunction with the course. (CSU)

ART-282
Public Art Fabrication and Installation **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 229 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
This course is designed for students that have an interest in fabricating sculpture for a public context and/or Public Art through a commissioning process. The course will cover several aspects and methods used in the physical production of commissioned works. Issues examined will include sub-contractor negotiation, design and budget issues with the procurement of materials, fabrication techniques, and installation methodology. Students will implement skills, techniques and concepts learned in sculpture courses to design and produce sculpture for a public context. In most cases, the department will attempt to secure an actual commission during the course. (CSU)

ART-283A
Foundry I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 130 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
An examination of introductory foundry practices for sculpture, including an investigation into the global history of metal casting. An emphasis is placed on skill development, the ability to control media, and the exploration of metal casting as a geographically and culturally diverse artistic practice. Students will learn introductory sand casting, wax working, and ceramic shell mold-making processes to create their own cast metal sculptures that will reference styles, motifs, themes, and symbols of diverse cultures and perspectives. The course will offer students insight into the history and operation of sculpture foundry equipment and casting production tools. (CSU) A required fee of $35 will be charged for materials.

ART-283B
Foundry II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 283A or equivalent.
2.0 hours lecture, 4.0 hours laboratory
An examination of intermediate foundry practices for sculpture includes a more focused look into specific globally significant techniques. Students will continue to advance their skills in sand casting, wax working, and ceramic shell mold-making processes used in lost wax casting to create their own cast metal sculptures. Metal finishing techniques and patinas will be introduced. The course continues to grow the student's knowledge of metal casting as a geographically and culturally diverse artistic practice. Students will be asked to research and develop designs to create work that explores communication through personal and cultural expression. The course will expand students' knowledge of the operation of sculpture foundry equipment and casting production tools. (CSU) A required fee of $35 will be charged for materials.

ART-283C
Foundry III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ART 283B or equivalent.
2.0 hours lecture, 4.0 hours laboratory
An examination of advanced foundry practices and techniques for sculpture. Students will continue to advance their skills in all processes involved in lost wax casting to design and create cast metal sculptures in a series. Students will be asked to research and develop their designs to create a body of work devoted to personal, social, political, or cultural expression. The course will continue to grow the student's knowledge of the operation of the sculpture foundry equipment and casting production tools, with the introduction of metal fabrication, and welding. (CSU) A required fee of $35 will be charged for materials.

Astronomy (ASTR)

ASTR-105
Practice in Observational Astronomy **1 UNITS**
0.5 hours lecture, 1.5 hours laboratory
A lecture/field course designed to enhance the student's appreciation of the night sky. Topics include optics and telescopes, constellation study, and interpretation of astronomical phenomena observable with the unaided eyes, binoculars, and telescopes. Evening field trips will be scheduled. (CSU)

ASTR-110
Descriptive Astronomy **3 UNITS**
3.0 hours lecture
This course enables students to view the historical development of astronomy, to be aware of the tools of astronomy, and to critically analyze collected data to achieve an appreciation of the nature of the universe. This study begins with the ancient concept of the heavens, through medieval investigations of natural laws, and leads to present concepts in planetary systems, stellar evolution, cosmology and exobiology. (CSU/UC) (AA/AS-5, CSU-B1, IGETC-5A, Cal-GETC-5A)

ASTR-112
General Astronomy Laboratory **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" or concurrent enrollment in ASTR 110 or ASTR 120 or equivalent.
3.0 hours laboratory
Designed to accompany and augment Astronomy 110 or Astronomy 120. Topics can include constellations and astronomical coordinates, astronomical instruments, the solar system, stars and stellar systems, and the Universe. These will be addressed using naked eye and telescope observations, laboratory experiments, computer simulations and calculations. (CSU/UC) (AA/AS-5, CSU-B3, IGETC-5C, Cal-GETC-5C)

ASTR-120
Exploration of the Solar System **3 UNITS**
3.0 hours lecture
This course investigates the origin of our Solar System and how its contents change with time. The course surveys and analyzes the physical properties of solar system contents, including the Sun, planets, moons, rings, comets and asteroids. Methods of space exploration will be discussed as related to past, current, and future efforts. Topics include: origins of the chemical elements in our solar system, formation and evolution of the solar system; comparative planetology (geology and atmosphere), gravitational and thermal effects on solar system objects, space exploration, and recent developments in the search for extrasolar planets. (CSU/UC) (AA/AS-5, CSU-B1, IGETC-5A, Cal-GETC-5A)

Biological Sciences (BIO)

BIO-099
Preparation for Allied Health Classes **0 UNITS**
1.0 hours lecture
The class is meant for students entering Allied Health classes (BIO 140, 141, 141L, 144, 145, and/or BIO 152) who desire to improve their study techniques for rigorous Allied Health Classes and to review key concepts from biology prerequisites. (BIO 120 and/or high school biology). The class will cover techniques for success in Allied Health exams, time management for rigorous 4-5 unit biology courses, reading skills for biology books, review of BIO 120/previous biology class material, usage of the microscope, and medical terminology as applied to biology classes. This course is offered on a pass/no pass basis only.

BIO-105
Marine Biology **4 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in English C1000 or ESL 122 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
Introductory college-level course that uses marine plants, animals and their interrelations with their aquatic environment in order to develop an understanding of modern biological principles and processes that are basic to all forms of life. Information dealing with several aspects of taxonomy, evolution, ecology, behavior and physiology of marine organisms is included.(CSU/UC) (AA/AS-5,CSU-B2,B3, IGETC-5B,5C, Cal-GETC-5B,5C)

BIO-110
Environmental Biology **4 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in English C1000 or ESL 122 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
A basic college-level ecology course designed to acquaint the student with living systems, their environment and evolution. Local plants and animals and their habitats will be used to investigate fundamental ecological principles. Almost half of the laboratory periods will be devoted to field studies. Due to the time involved, some of these field studies will take place on Saturdays or Sundays. (CSU/UC) (AA/AS-5, CSU-B2,B3, IGETC-5B,5C, Cal-GETC-5B,5C)

BIO-112
Contemporary Issues in Environmental Resources **3 UNITS**
3.0 hours lecture
Through the study of basic ecological concepts, students apply their knowledge to contemporary problems dealing with renewable and nonrenewable resources. Environmental resource problems, such as climate change, water shortage and pollution, energy shortages, air pollution, increasing human populations and wildlife conservation are integrated with political, economic and social implications. The student will consider alternate life styles as possible solutions to existing environmental problems, as well as other means of solving or dealing with these situations. (CSU/UC) (AA/AS-5,CSU-B2, IGETC-5B, Cal-GETC-5B)

BIO-113
Introduction to the Biotechnology Lab **2 UNITS**
2.0 hours lecture, 1.0 hours laboratory
This course examines biology laboratory technology as it relates to the field of biotechnology. The class addresses skills and techniques common to the biotechnology industry including measuring activity and quantity of proteins, growth and manipulation of bacteria, genetic engineering, polymerase chain reaction and antibody methods. In addition to hands-on skills, the course will provide context for how and why these techniques are used in the industry. The course also includes activities in team-building and proper lab behaviors. This course enhances the laboratory skills of students wishing to be employed by the biotechnology industry. (CSU)

BIO-114
Heredity, Evolution and Society **3 UNITS**
3.0 hours lecture
This course presents the basic principles of heredity and evolution. Following an introduction to scientific methods and characteristics of living systems, the student learns about the process of evolution and the mechanisms of heredity. These genetic studies will equip the student to better understand a number of current issues concerning medical genetics, genetic counseling, biotechnology, the cancer problem and human diversity. (CSU/UC) (AA/AS-5, CSU-B2, IGETC-5B, Cal-GETC-5B)

BIO-118
Introduction to Human Biology **3 UNITS**
3.0 hours lecture
An introduction to biological principles with a human perspective. Such basic areas as the chemistry of biological systems, cell structure and function, the structure, function, and adaptation of organisms, and cellular genetics will be covered by utilizing the human species to develop an understanding of these processes. Related topics such as Mendelian and population genetics, human evolution, ecosystem structure and environmental problems related to human populations will be introduced. (CSU/UC) (AA/AS-5,CSU-B2, IGETC-5B, Cal-GETC-5B)

BIO-120
Principles of Biology **4 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in ENGL C1000 or ESL 122 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course uses Evolutionary Theory to discuss and explain the major principles in Biology. These areas include natural selection, general and biochemistry, cell biology, homeostasis & metabolism, classical and molecular genetics, systematics, animal and plant structure and function, and ecology. The laboratory component extends and complements that lecture with hands-on experiences that include experimental design, light microscopy, cellular biology, enzymes, data analysis and interpretation, organismal biology, genetics, systematics, and ecology. (CSU/UC) (AA/AS-5,CSU-B2,B3, IGETC-5B,5C, Cal-GETC-5B,5C)

BIO-140
Human Anatomy **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BIO 120 or equivalent. Only Nursing majors may fulfill the BIO 120 prerequisite with one year of high school biology with a lab. All BIO 120 courses, course equivalents and high school biology with lab must be completed within the last 7 years of enrollment in BIO 140.
Recommended Preparation: "C" grade or higher or "Pass" in English C1000.
2.0 hours lecture, 6.0 hours laboratory
A study of the structure of the systems of the human body with emphasis divided between gross anatomy and the cellular detail (histology) of tissues and their evolutionary developments and relationships with other organisms. Cats or other suitable and available specimens are used as dissection specimens in the laboratory along with selected human organs and tissue slides, including cadaver and computer demonstrations. The course meets the anatomy requirement for baccalaureate degrees in nursing, a variety of paramedical fields, including physical and occupational therapy, and exercise science majors. (C-ID BIOL 110B) (CSU/UC) (AA/AS-5, CSU-B2,B3, IGETC-5B,5C, Cal-GETC-5B,5C)

BIO-141
Human Physiology **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BIO 120 or equivalent. Only Nursing majors may fulfill the BIO 120 prerequisite with one year of high school biology with a lab.
Recommended Preparation: "C" grade or higher or "Pass" in Biology 140 and English C1000 or equivalent.
3.0 hours lecture
A study of the function and interrelationships of the nervous, endocrine, muscular, circulatory, respiratory, digestive, exocrine and reproductive systems of the humans body. The course emphasizes the homeostatic and evolutionary nature of these systems with some reference to human disease state. (C-ID BIOL 120B with BIO 141L) (CSU/UC) (AA/AS-5, CSU-B2, IGETC-5B, Cal-GETC-5B)

BIO-141L
Laboratory in Human Physiology **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BIO 120 or equivalent and BIO 141 or concurrent enrollment in BIO 141 or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in ENGL C1000 or ESL 122 or equivalent.
3.0 hours laboratory
A laboratory experience utilizing a lecture and laboratory instruction format, designed to reinforce and expand the student's understanding of basic physiological principles studied in Biology 141. Emphasis is on lab-based investigations of human physiological processes. (C-ID BIOL 120B with BIO 141) (CSU/UC) (AA/AS-5, CSU-B3, IGETC-5C, Cal-GETC-5C)

BIO-144
Anatomy and Physiology I **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BIO 120 or equivalent. Only Nursing majors may fulfill the BIO 120 prerequisite with one year of high school biology with a lab.
3.0 hours lecture, 3.0 hours laboratory
The study of physiological chemistry, cell physiology, tissues and the structure and functions of following human systems: bone, muscle, endocrine and nervous systems. The gross anatomy, micro-anatomy as well as functions and interrelationships of these systems are studied. The course emphasizes the homeostatic nature of these systems with some reference to human disease states. Cat or other suitable, available specimens are used as dissected specimens in lab along with selected human organs, tissue slides, cadaver and computer demonstrations. This course, along with Biology 145, meets the anatomy and physiology requirements for associate degrees and baccalaureate degrees in nursing as well as degrees in a variety of related paramedical fields. (CSU/UC) (AA/AS-5,CSU-B2,B3, IGETC-5B,5C, Cal-GETC-5B,5C)

BIO-145
Anatomy and Physiology II **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BIO 144 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course is a continuation of Biology 144, Anatomy and Physiology I. It is a study of structures and functions of the following systems: circulatory, respiratory, digestive, excretory, immune, lymphatic, and reproductive systems. The gross anatomy, micro-anatomy as well as functions and interrelationships of these systems are studied. The course emphasizes the homeostatic nature of these systems with reference to human disease states. Cat or other suitable, available specimens are used as dissected specimens in lab along with selected human organs and tissue slides and computer demonstrations. This course, along with Biology 144, meets the anatomy and physiology requirements for associate degree, and baccalaureate degrees in nursing as well as degrees in a variety of other related paramedical fields. (CSU/UC) (AA/AS-5,CSU-B2,B3, IGETC-5B,5C, Cal-GETC-5B,5C)

BIO-150
Field Study of the Natural History of the Greater San Diego Region **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BIO 110 or 120; or GEOG 120 or 121 or 140; or GEOL 110 or 111; or OCEA 112 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
An exciting, team-taught, interdisciplinary, field-based study of the natural environment of the San Diego region, including related parts of Imperial, Riverside, and Orange Counties. Vans are utilized to visit sites that best illustrate (1) the region's physical environment (including tectonics, geologic history, geomorphology, hydrology, meteorology, climatology, and soils), (2) the evolutionary response to environmental variation (focusing on coastal sage scrub, chaparral, and desert ecosystems), and (3) the interaction of humans with the natural environment. Emphasis on field measurement includes use of GPS, compass, clinometer, maps, the current Jepson plant taxonomy, etc. Four weekends in spring semester only. Overnight campouts required. Students with credit in Biology 150 will not be able to enroll in Geography 150, Geology 150 or Oceanography 150. (CSU/UC)

BIO-152
Paramedical Microbiology **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BIO 120 or equivalent. Only Nursing majors may fulfill the BIO 120 prerequisite with one year of high school biology with a lab.
Recommended Preparation: "C" grade or higher or "Pass" in CHEM 115 or equivalent.
3.0 hours lecture, 6.0 hours laboratory
An introduction to the major groups of micro-organisms and the diseases they cause. Emphasis in the lecture and laboratory is on concepts and techniques relevant to students entering paramedical professions: identifying and handling bacteria, basic principles of immunology, medical microbiology and epidemiology. Principles of microbial physiology, genetics, growth and control are also discussed. Biology 152 will also satisfy the introductory microbiology requirement needed by students who major in nursing and other paramedical fields, leading to a B.S. or B.A. degree. (CSU/UC) (AA/AS-5, CSU-B2,B3, IGETC-5B,5C, Cal-GETC-5B,5C)

BIO-215
Statistics for Life Sciences **3 UNITS**
Prerequisite: Appropriate placement or intermediate algebra. A "C" grade or higher or Pass in Biology 120 or 230 or 240 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Methods and experience in defining and solving quantitative problems in the life sciences. Emphasis is on the design of experiments and the application of a variety of parametric and nonparametric statistical techniques to the analysis of data. (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

BIO-230
Principles of Cellular, Molecular and Evolutionary Biology **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CHEM 141 or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in Biology 120 and English C1000 or equivalents.
3.0 hours lecture, 3.0 hours laboratory
This course surveys the general principles of biology at an advanced level. Emphasis is placed on the following topics: prokaryotic and eukaryotic, cellular processes including energy metabolism, membrane transport and cell cycle/cell division and molecular genetics along with recombinant DNA; Mendelian and Non-Mendelian genetics; communication between cells; and the current models for cellular evolution. The course also includes laboratory exercises emphasizing the topics listed and the application of those topics to biotechnology. This course along with Biology 240 is the recommended Biology sequence for life science majors. It is suggested that students contact the anticipated transfer institution to ascertain specific transfer requirements for their major. (C-ID BIOL 190) (CSU/UC) (AA/AS-5, CSU-B2,B3, IGETC-5B,5C, Cal-GETC-5B,5C)

BIO-240
Principles of Ecology, Evolution and Organismal Biology **5 UNITS**
Prerequisite: Appropriate Placement or intermediate algebra
Recommended Preparation: "C" grade or higher or "Pass" in BIO 120 and ENGL C1000 or equivalent.
4.0 hours lecture, 3.0 hours laboratory
This course along with Biology 230 is the recommended biology sequence for life science majors. It surveys the general principles of biology at an advanced level. Emphasis is placed on the following topics: the history of life on Earth and modern biodiversity; structures for reproduction, nutrition, respiration, transport, regulation of the internal environment, and response to the environment, the diversity of structures that perform these processes, how these structures allow adaptation to different environments and trophic roles; fundamental ecological principles, including population growth and regulation, nutrient cycling, succession and interspecific interactions; human impacts on the environment; and the theory of evolution, including population genetics, the mechanisms of evolution, and the evolutionary basis of species classification. The course includes a laboratory component emphasizing the systematics and diversity of prokaryotes and eukaryotes, including fungi, plants and animals, as well as activities investigating ecological and evolutionary processes using the scientific method. It is suggested that students contact the anticipated transfer institution to ascertain specific transfer requirements for their major. (C-ID BIOL 140) (CSU/UC) (AA/AS-5, CSU-B2,B3, IGETC-5B,5C, Cal-GETC-5B,5C)

BIO-251
Human Dissection **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in Biology 140 or equivalent and recommendation from the students' Biology 140, Human Anatomy, instructor.
3.0 hours laboratory
This course provides the supervised study of human anatomy through dissection of a human cadaver. It is a course intended to enhance knowledge gained from a college-level Human Anatomy course by observing and relating those organ systems learned to an actual human cadaver. Students will begin by identifying surface landmarks and relate them to successively deeper structures. Students will develop and refine dissecting skills use on human cadavers. Instruction of human anatomy at this level is intended to assist students pursuing careers in nursing and other allied health professions. This class has limited enrollment. Preregistration counseling with instructor is required. (CSU/UC)

Business (BUS)

BUS-109
Elementary Accounting **3 UNITS**
3.0 hours lecture
A one-semester introduction to elementary accounting principles. Presentation includes journals, ledgers, work sheets and financial statement for the single proprietorship. The course is designed for the clerical employee. (May not be substituted for Business 120 where required. Not open to students with credit in Business 120.) (CSU)

BUS-110
Introduction to Business **3 UNITS**
3.0 hours lecture
A survey in business providing a multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and a global society. Demonstrates how these influences impact the primary areas of business including: organizational structure and design; leadership, human resource management, organized labor practices; marketing; organizational communication; technology; entrepreneurship; legal, accounting, financial practices; the stock and securities market; and therefore affect a business' ability to achieve its organizational goals. (C-ID BUS 110) (CSU/UC)

BUS-115
Human Relations in Business **3 UNITS**
3.0 hours lecture
Examines the human aspects of the organization with an emphasis on the role of the individual in the formal and informal structure of the organization. Learning styles, motivation theories, personality theories, communication, group dynamics, leadership, ethics and diversity within the organization will be covered. (CSU)

BUS-118
Retail Management **3 UNITS**
3.0 hours lecture
A survey course in the management of retail businesses, including store operating practices, layout, inventory, buying, retail mathematics and supervision of personnel. (CSU)

BUS-120
Financial Accounting **4 UNITS**
4.0 hours lecture
This course introduces the student to the accounting function and how it is used within our economic society. It views accounting as an information-generating system that communicates financial data to support end users in their economic decision-making. This course covers the accounting information system and the recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the classified financial statements, and statement analysis. It also covers issues related to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls and ethics. This course is designed for students with an understanding of computer applications in word processing and spreadsheets, basic math skills and the ability to write in a businesslike manner. (C-ID ACCT 110) (CSU/UC)

BUS-121
Managerial Accounting **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BUS 120 or equivalent.
4.0 hours lecture
This course introduces the student to the concepts, methods, and procedures for the development and use of accounting information to support and assist management in their internal cost accounting processes and financial decision-making. The following areas are examined: cost terms and concepts, cost behavior, cost structure, product costing in a manufacturing environment (including activity based costing), cost-volume-profit analysis, budgeting, standard costing, differential analysis, capital budgeting, variable and absorption costing, and responsibility accounting. (C-ID ACCT 120) (CSU/UC)

BUS-123A
Accounting Internship **2 UNITS**
A work experience course to enable accounting students to gain practical experience in a finance or accounting organization and to apply knowledge gained in other business courses. (CSU) 108 hours paid or unpaid work experience per semester.

BUS-123B
Accounting Internship **2 UNITS**
A work experience course to enable accounting students to gain practical experience in a finance or accounting organization and to apply knowledge gained in other business courses. (CSU) 108 hours paid or unpaid work experience per semester.

BUS-123C
Accounting Internship **2 UNITS**
A work experience course to enable accounting students to gain practical experience in a finance or accounting organization and to apply knowledge gained in other business courses. (CSU) 108 hours paid or unpaid work experience per semester.

BUS-123D
Accounting Internship **2 UNITS**
A work experience course to enable accounting students to gain practical experience in a finance or accounting organization and to apply knowledge gained in other business courses. (CSU) 108 hours paid or unpaid work experience per semester.

BUS-125
Business Law: Legal Environment of Business **3 UNITS**
3.0 hours lecture
Legal environment of business, sources of law, constitutional bases of regulation, critical legal thinking, social and ethical influences, corporate responsibility, judicial and administrative systems, contracts, torts, agency, business organizations, bankruptcy, securities regulation, regulation of property and protection of intellectual property interests, consumer protection, antitrust law, Internet and e-commerce. (C-ID BUS 120, 125) (CSU/UC)

BUS-128
Business Communication **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL C1000 OR ESL 122 or equivalent.
3.0 hours lecture
This course applies the principles of effective communication to the creation of effective letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes planning, organizing, composing, and revising business documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral reports. Since this course is designed for students who already have college-level writing skills, very little time will be devoted to the basics of writing or grammar. (C-ID BUS 115) (CSU)

BUS-131
Introduction to Transportation **3 UNITS**
3.0 hours lecture
A course on the selection of freight carriers and the monitoring of their performance. Use of tariffs, rates, shipping documents, and contracts for carriage. All modes of transportation are studied including: air, truck, rail, and ocean. Warehousing and materials handling are examined. (CSU)

BUS-133
Direct Mail Marketing **3 UNITS**
3.0 hours lecture
A course for those interested in mail order, direct mail catalogs, direct response advertising, and the use of direct marketing to supplement conventional marketing. The course will include study of mailing lists, customer data bases, customer profiling, media, creating and testing direct mail advertisements and packages, sales tracking and forecasting, and profitability analysis. The role of creative agencies, list brokers, letter shops, fulfillment houses, and telephone marketers will be examined. (CSU)

BUS-137A
Marketing Internship **3 UNITS**
A work experience course to enable marketing students to gain practical experience in a marketing company or a marketing-oriented department of an organization and to apply knowledge gained in other marketing courses. (CSU) 162 hours paid or unpaid work experience per semester.

BUS-137B
Marketing Internship **3 UNITS**
A work experience course to enable marketing students to gain practical experience in a marketing company or a marketing-oriented department of an organization and to apply knowledge gained in other marketing courses. (CSU) 162 hours paid or unpaid work experience per semester.

BUS-137C
Marketing Internship **3 UNITS**
A work experience course to enable marketing students to gain practical experience in a marketing company or a marketing-oriented department of an organization and to apply knowledge gained in other marketing courses. (CSU) 162 hours paid or unpaid work experience per semester.

BUS-137D
Marketing Internship **3 UNITS**
A work experience course to enable marketing students to gain practical experience in a marketing company or a marketing-oriented department of an organization and to apply knowledge gained in other marketing courses. (CSU) 162 hours paid or unpaid work experience per semester.

BUS-140
Entrepreneurship: Developing a Business Plan **3 UNITS**
3.0 hours lecture
This course is designed to help the student prepare a business plan suitable for submission to a bank or to investors. The student will prepare profit and loss statements, cash flow statements, and balance sheets; will determine financing, facilities, equipment and personnel requirements; and will develop a marketing and distribution strategy. (CSU)

BUS-141
Entrepreneurship: Managing a New Business **3 UNITS**
3.0 hours lecture
This course is a combination of academic and applied concepts of entrepreneurship. The course is designed to help the student apply theories of management, marketing, personnel, finance, cash flow, and production to problems encountered daily in managing a small business. The focus of the course will be on practical solutions to common business management problems with an emphasis on small businesses. (CSU)

BUS-142
Effective Sales - Skills of Personal Selling and Persuasion **3 UNITS**
3.0 hours lecture
This course emphasizes understanding and using persuasive communication skills in selling situations and in any business where one person wants to influence another person. (CSU)

BUS-144
Advertising **3 UNITS**
3.0 hours lecture
A basic course in the study of advertising, and its role within the larger framework of the marketing mix. Advertising agency structure, employment options, and the process and costs involved in agencies producing campaigns will be reviewed. Traditional versus online media vehicles will be reviewed and compared. Advertising strategy for social media networks will be explained. Copywriting, art and layout, mechanical production, and planning will be discussed. Successful advertising campaigns will be reviewed and evaluated as well as consumer buying behavior as it relates to advertising. (CSU)

BUS-146
Marketing **3 UNITS**
3.0 hours lecture
This course focuses on the function of marketing in an organization. It examines the essential elements of a marketing strategy; product, promotion, distribution and price; the effect of the business environment on marketing decisions; consumer behavior; identification of markets; and current issues in marketing, including new and traditional media options, market research strategy, and collaborative tools for group marketing efforts. (CSU)

BUS-147
Social Media and Internet Marketing **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BUS 146 and CSIS 132 or equivalent.
3.0 hours lecture
This course will provide students with skills to achieve online marketing success in social media and integrate their Web presence with offline traditional marketing methods. The course will provide students with a basic working knowledge of methods used to help drive traffic to a web site, attract visitors and turn them into customers. Students will develop search engine optimization skills as well as explore search engine marketing, social media marketing, affiliate marketing, directory submission, and email marketing. Students will learn how to compete in new internet marketing channels, employ market research, acquire traffic, and track visitor trends. (CSU)

BUS-148
Customer Relations Management **1.5 UNITS**
1.5 hours lecture
This course is designed to provide the student with certain key skills and attitudes necessary to meet effectively the needs of customers. The student will be introduced to the concept of internal and external customers, customer satisfaction and customer retention. Topics will also include communicating with customers, developing a positive attitude, handling complaints and sales skills. (CSU)

BUS-149
Consumer Behavior **3 UNITS**
3.0 hours lecture
This course provides students with an introduction to the complexities involved in consumers selecting, purchasing, using and disposing of products and services in our marketplace. Students will investigate and learn about factors affecting consumer decisions such as personality, culture, attitudes, motivations, perceptions, and reference groups. Course emphasis will be on understanding the decision-making process and its application to the development of sound marketing strategy. (CSU)

BUS-152
Business Mathematics **2 UNITS**
2.0 hours lecture
This course is a comprehensive introduction to arithmetic applications used in business transactions, including: fractions, percentages, interest, discounts, banking, depreciation, payrolls, merchandising markup/markdowns, inventory, taxes, investments, and business statistics. (CSU)

BUS-155
Human Resources Management **3 UNITS**
3.0 hours lecture
Introduction to the management of human resources and an understanding of the impact and accountability to the organization of human resource activities. Global human resource strategies, social and organizational realities, legal implications affecting people at work, union/non-union practices, employee compensation and benefits, employee rights, and safety issues. (CSU)

BUS-156
Principles of Management **3 UNITS**
3.0 hours lecture
Planning, organizing, directing, and controlling for management. Interaction of the functions includes setting objectives, MBO, decision-making tools, alternative organization structures, leadership, motivation, communication, group dynamics, managements of stress and change, time management, ethics and diversity. A survey of the quantitative tools available to the manager is also made. (CSU)

BUS-158
Introduction to Hospitality and Tourism Management **3 UNITS**
3.0 hours lecture
Overview of the hospitality and tourism industry with a focus on basic management theories and principles as they apply to hospitality and tourism; basic structure, organization, and management of industry components and the services/products they deliver. (CSU)

BUS-159A
Management Internship **3 UNITS**
A work experience course to enable management students to gain practical experience in an organization and to apply knowledge gained in other business courses. (CSU) 162 hours paid or unpaid work experience per semester.

BUS-159B
Management Internship **3 UNITS**
A work experience course to enable management students to gain practical experience in an organization and to apply knowledge gained in other business courses. (CSU) 162 hours paid or unpaid work experience per semester.

BUS-159C
Management Internship **3 UNITS**
A work experience course to enable management students to gain practical experience in an organization and to apply knowledge gained in other business courses. (CSU) 162 hours paid or unpaid work experience per semester.

BUS-159D
Management Internship **3 UNITS**
A work experience course to enable management students to gain practical experience in an organization and to apply knowledge gained in other business courses. (CSU) 162 hours paid or unpaid work experience per semester.

BUS-160
Hospitality Managerial Accounting and Controls **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BUS 120 or equivalent.
3.0 hours lecture
Integrates the areas of managerial accounting and controls to applications in the hospitality industry. Topics include internal control and cost management, operations budgeting, occupancy projections and pricing decisions, credit policy and cash flow, and investment decision-making. (CSU)

BUS-166
Hospitality and Tourism Law **3 UNITS**
3.0 hours lecture
This course is designed to introduce the Hospitality and Tourism Management student to the legal principles and issues common to the hotel and travel industries. Students will gain a working knowledge of the laws and government regulations applicable to the hospitality and tourism industry. The student will be required to identify legal issues and learn how to evaluate those issues in a structured format. Attention will be given to statutory regulations of hotels and food service and other areas such as contracts, employment law, labor relations, product liability and insurance. (CSU)

BUS-176
Computerized Accounting Applications **2 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" or concurrent enrollment in BUS/BOT 109 or BUS 120.
2.0 hours lecture
An introductory course of computerized accounting functions utilizing an integrated general ledger software package. This course is especially beneficial for students, teachers and professionals who are using, or who plan to use, computerized accounting packages in a business environment. (CSU)

BUS-195
Principles of Money Management for Success **3 UNITS**
3.0 hours lecture
This course explores the theories and techniques of managing personal income by setting goals, which will culminate in the development of a personal plan to manage their financial lives. Topics include financial planning, budgeting, institutional savings and checking services, investment analysis, retirement planning, consumerism, insurance, home ownership, credit management, taxes and estate planning. (CSU) (CSU-E)

BUS-197
Personal Ethics At Work **3 UNITS**
3.0 hours lecture
This course examines the ethical foundation for choices individuals make every day both in the workplace and in their private lives, the connection between economic and ethical obligations with examples related to privacy, reporting, whistle-blowing, workplace relationships, confidentiality, and intellectual property. (CSU)

BUS-229
Property and Liability Insurance **3 UNITS**
3.0 hours lecture
This course will provide knowledge of property and liability insurance as well as a review of insurance basics. Course content includes loss exposure, contract provisions, marketing, underwriting, claims, and risk management. (CSU)

BUS-231
Legal Office Procedures II **3 UNITS**
Prerequisite: A "C" grade or higher or "Pass" in BUS 228.
Recommended Preparation: Some form of professional note-taking skill recommended.
3.0 hours lecture
A continuation of Business 228, Legal Office Procedures I, with emphasis on completing and handling court documents and forms relating to civil procedures in various areas of the law operative in State and Federal Court. (CSU)

BUS-233
Personal Insurance **3 UNITS**
3.0 hours lecture
This course will provide knowledge of how to analyze personal loss exposures and personal insurance coverages including homeowners, personal liability, inland marine, auto, life, health, and government programs. (CSU)

BUS-234
Commercial Insurance **3 UNITS**
Recommended Preparation: Business 229 or equivalent insurance industry experience.
3.0 hours lecture
This course will provide knowledge of commercial property and casualty insurance loss exposures and coverages. Course content includes analyzing property, general liability, commercial automobile, workers compensation, inland marine, and crime forms and coverages. (CSU)

BUS-235
Delivering Insurance Services **3 UNITS**
3.0 hours lecture
This course will cover the fundamentals of continuous improvement in the delivering of insurance services. It will focus on customer relations and expectations through quality management. (CSU)

BUS-250
Introduction to International Business **3 UNITS**
3.0 hours lecture
An overview of international business designed to provide both beginners and experienced business people with a global perspective on international trade including foreign investments, impact of financial markets, international marketing, and the operation of multi-national corporations. Classes will feature expert guest lecturers who will present practical solutions to actual problems in international trade. (CSU)

BUS-258
The Cultural Dimensions in International Business **3 UNITS**
3.0 hours lecture
A course examining the cultural barriers encountered when engaging in international trade. Coping effectively with the challenges of a foreign assignment and specific information on working and negotiating with foreign nationals will be presented. (CSU)

BUS-259
Introduction to Global Trade Operations **3 UNITS**
3.0 hours lecture
This foundation course is designed to provide students with an introductory exposure to many of the essential elements of doing business in today's global context. Students will gain a general understanding of the globalization process and the global business environment, along with an introduction to theories, concepts, skills, and capabilities relevant to international trade. This course is macro in nature and focuses on international trade and the operational, theoretical aspects and how to apply them in global trade. The course surveys the global business environment, international supply chain management, international market entry, operational aspects of international trade including contracts, terms of trade, terms of payment, currency of payment. (CSU)

BUS-260
Global Trade Operations, Logistics **3 UNITS**
3.0 hours lecture
This course examines the global logistics systems involved in supply chain management and used in importing and exporting. Emphasis is given to the role of ocean, air, land, and multimodal transport infrastructures as key components of international supply chain management operations. Supporting international trade topics include logistics infrastructure and security, commercial terms of trade, commercial and transportation documents, insurance, packaging for export, and National Customs Clearance Systems. (CSU)

BUS-261
Global Trade Operations, Supply Chain Management **3 UNITS**
3.0 hours lecture
The intent of this course is to provide students a general overview, as well as practical operations and supply chain management background and the skillset necessary to meet today's challenging global business environment. In this course, students will be exposed to the real-world applications as a motivation for learning operations and supply chain management. Operations and Supply Chain Management is concerned with the understating of Enterprise Competitive Positioning, Demand Forecasting, Operations Planning, Inventory Management, Make/Buy Decisions, concept of Quality and Quality Management, Vendor Qualification/Selection and Management, Warehousing and Distribution Functions, Logistics, Sustainability, and Supply Chain Measurement and Benchmarking. (CSU)

BUS-262
Global Trade Operations, Import Procedures **3 UNITS**
3.0 hours lecture
This course focuses on international trade strategies and techniques and presents an overview of importing terms. The concepts of management, finance, operations, law, communications, marketing, and ethics as they apply to imports are discussed. Topics include overseas purchasing, import operations, U.S. government regulations, finance, documentation, record keeping, international trade treaties, and global culture. Additionally, the class covers bilateral trade relations, unique country profiles, and product sourcing modalities. U.S. and World Customs duty rate structure and the role of customs brokers and freight forwarders are highlighted. International currency transactions, storage, distribution, and transportation are also discussed. (CSU)

BUS-263
Global Trade Operations, Marketing & Export Procedures **3 UNITS**
3.0 hours lecture
This course provides hands-on working knowledge in the business of global marketing and exports, its procedures and required documentation. The course covers the evaluation of a company's export readiness and potential marketing to the export transaction from inception to receipt of payment. Topics include: market research, identification of the best export markets, costing, quotations, letters of credit, major export products, international trade terms, transportation, sales contracts, documentation, and U.S. export controls. (CSU)

BUS-264
Global Leadership **3 UNITS**
3.0 hours lecture
This course will help students develop leadership skills and knowledge from a local and global perspective. Students will explore leadership theories and concepts, and the cultural nuances inherent in global workplaces. Topics include development of leadership theories, personal assessment, and differing values and ethics, communication styles, multiculturalism in leadership and the change process. This course is based on the premise that each student will face a variety of leadership challenges in a diverse business environment. Learning more about cross-cultural leadership will help every student meet their leadership challenges. (CSU)

BUS-265A
Internship in International Business **1 UNITS**
Work experience in a business organization engaged in international business. The intern spends 54 hours per semester in on-the-job training. (CSU) 54 hours paid or unpaid work experience per semester.

BUS-265B
Internship in International Business **1 UNITS**
Work experience in a business organization engaged in international business. The intern spends 54 hours per semester in on-the-job training. (CSU) 54 hours paid or unpaid work experience per semester.

BUS-265C
Internship in International Business **1 UNITS**
Work experience in a business organization engaged in international business. The intern spends 54 hours per semester in on-the-job training. (CSU) 54 hours paid or unpaid work experience per semester.

BUS-265D
Internship in International Business **1 UNITS**
Work experience in a business organization engaged in international business. The intern spends 54 hours per semester in on-the-job training. (CSU) 54 hours paid or unpaid work experience per semester.

BUS-266
Internship in International Business **2 UNITS**
Prerequisite: Limited to International Business majors who have completed at least 12 units in the major.
Work experience in a business organization engaged in international business. The intern spends 108 hours per semester in on-the-job training. (CSU) 108 hours paid or unpaid work experience per semester.

BUS-267
Internship in International Business **3 UNITS**
Prerequisite: Limited to International Business majors who have completed at least 12 units in the major.
Work experience in a business organization engaged in international business. The intern spends 162 hours per semester in on-the-job training.(CSU) 162 hours paid or unpaid work experience per semester.

Business Office Technology (BOT)

BOT-085
Essential Skills for Workplace Success **0 UNITS**
4.0 hours lecture
A class designed for office occupation students, providing essential skills and techniques necessary for success in college and in the world of work. The course includes basic keyboarding skills as well as basic literacy and arithmetic refresher skills using business office occupations curriculum as the subject matter. Special emphasis will be placed on conflicting role demands of student, parent and employee in order to provide students with basic life management skills. This course is offered on a Pass/No Pass basis only. This is a no fee/no credit course.

BOT-086
Essential Skills for Workplace Success **4 UNITS**
4.0 hours lecture
A class designed for office occupation students, providing essential skills and techniques necessary for success in college and in the world of work. The course includes basic keyboarding skills as well as basic literacy and arithmetic refresher skills using business office occupations curriculum as the subject matter. Special emphasis will be placed on conflicting role demands of student, parent and employee in order to provide students with basic life management skills. This course is offered on a Pass/No Pass basis only. (Nondegree credit course)

BOT-100
Basic Keyboarding **1 UNITS**
3.0 hours laboratory
A course in beginning keyboarding techniques for those students who wish to use keyboarding skills for inputting information to computers. The course is taught on computers using appropriate software. Emphasis will be placed on the development of speed and accuracy by use of touch keyboarding methods. Keys taught include alphabetic, numeric and symbol keys. (CSU)

BOT-101A
Keyboarding/Document Processing I **1.5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BOT 100 or equivalent.
0.8 hours lecture, 2.2 hours laboratory
Business Office Technology 101A is equivalent to the first half of Business Office Technology 101. The focus will be on learning or reviewing the alphabetic and numeric keyboard, including the 10-key pad for numeric data entry. Students will learn to use basic features of Microsoft Word software to produce simple memos, letters, and reports. Keyboarding software will be used to build speed and accuracy. Students wishing to progress to Business Office Technology 102 should also complete Business Office Technology 101B. Not open to students with credit in Business Office Technology 101. (CSU)

BOT-101B
Keyboarding/Document Processing II **1.5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BOT 101A or equivalent.
0.8 hours lecture, 2.2 hours laboratory
This course is equivalent to the second half of Business Office Technology 101. Students will use Microsoft Word software to produce correctly formatted and accurate business documents, including letters, reports, and tables. Students will also use keyboarding software to build speed and accuracy. Not open to students with credit in Business Office Technology 101. (CSU)

BOT-102A
Intermediate Keyboarding/Document Processing I **1.5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BOT 101B or equivalent.
0.8 hours lecture, 2.2 hours laboratory
Business Office Technology 102A is equivalent to the first half of Business Office Technology 102. Students review and create business documents to apply formatting skills taught in BOT 101 (or BOT 101A and 101B), and then students are introduced to new formatting and report styles options, including agendas, formal reports, and multipage tables. This course begins with intermediate Microsoft Word functions so entering students should be proficient in using basic Word features and should key a minimum of 30 net words per minute on a 5-minute timing. Not open to students with credit in Business Office Technology 102. (CSU)

BOT-102B
Intermediate Keyboarding/Document Processing II **1.5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BOT 102A or equivalent.
0.8 hours lecture, 2.2 hours laboratory
Business Office Technology 102B is equivalent to the second half of Business Office Technology 102. Students continue to create business documents, applying new formatting skills including using templates, designing letterheads and office forms, and learning specialized applications such as medical and legal forms. This course begins with intermediate Microsoft Word functions so entering students should be proficient in using basic Word features and should key a minimum of 35 net words per minute on a 5-minute timed writing. Not open to students with credit in Business Office Technology 102. (CSU)

BOT-103A
Building Keyboarding Skill I **0.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 or equivalent.
1.5 hours laboratory
This course is for students who have completed a keyboarding course but wish to work further on developing speed and accuracy. Entering students should know the alphabetic keyboard by touch and key at a minimum rate of 20 net words per minute on a 5-minute timed writing. (CSU)

BOT-103B
Building Keyboarding Skill II **0.5 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in BOT 103A or equivalent.
1.5 hours laboratory
This is a continuation course in building keyboarding speed and accuracy. Entering students should be keying by touch at a minimum rate of 25 net words per minute on a 5-minute timed writing. Students keying at a lower rate should enroll in Business Office Technology 103A. (CSU)

BOT-103C
Building Keyboarding Skill III **0.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 103B or equivalent.
1.5 hours laboratory
This is a continuation course in building keyboarding speed and accuracy. Entering students should be keying by touch at a minimum rate of 30 net words per minute on a 5-minute timed writing. Students keying at a lower rate should enroll in Business Office Technology 103B. (CSU)

BOT-104
Filing and Records Management **1 UNITS**
0.5 hours lecture, 1.5 hours laboratory
This course offers instruction in the Association of Records Managers and Administrators (ARMA) filing rules and techniques which are widely used in business to create and maintain files. Alphabetic, numeric, geographic, and subject filing rules are included. The course also includes instruction in records management, including the rules for retention, transfer and disposition of records. Students use a microcomputer software package to learn basic filing rules. (CSU)

BOT-105
Data Entry Skills **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BOT 100 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This course is designed for students who wish to prepare for employment in the data entry field. Emphasis is on development of speed and accuracy in the use of the microcomputer alphabetic keyboard and the microcomputer numeric keypad to reach employable levels of skill. Students will complete assignments, drills, and timed speed and accuracy tests. (CSU)

BOT-106
Effective Job Search **1 UNITS**
1.0 hours lecture
This course will provide comprehensive and valuable skills that are needed to successfully secure employment, specializing in the office technology industry. It is designed to examine the continuous process of career/life planning through effective, well-planned and efficiently organized job search procedures. (CSU)

BOT-107
Office Systems and Procedures **2 UNITS**
2.0 hours lecture
Content includes office ethics and professionalism; prioritizing and productivity; human relations; working in teams; customer service skills; telephone skills; scheduling appointments; using e-mail, copiers, fax machines, and scanners; handling office mail; and using the Internet for common office functions such as travel reservations and ordering supplies. (CSU)

BOT-108
Using Calculators to Solve Business Problems **1 UNITS**
0.5 hours lecture, 1.5 hours laboratory
Introduces the ten-key, digital display, electronic calculator. The student will build skill in performing fundamental arithmetic operations using a calculator. Topics include use of decimals, fractions, constants, discounts, percentages, and memory keys. (CSU)

BOT-109
Elementary Accounting **3 UNITS**
3.0 hours lecture
A one-semester introduction to elementary accounting principles. Presentation includes journals, ledgers, work sheets and financial statement for the single proprietorship. The course is designed for the clerical employee. (May not be substituted for Business 120 where required. Not open to students with credit in Business 120.) (CSU)

BOT-110
Business English and Communication **3 UNITS**
3.0 hours lecture
A class designed to provide English and communication skills for use in office occupations. Areas covered include spelling, vocabulary, language structure, mechanics of style, and writing business memos, e-mails, and letters. All memo, e-mail and letter assignments must be typed or prepared on a computer. This course is designed primarily for Business Office Technology students. (CSU)

BOT-111
Virtual Assistant **2 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in BOT 100, or BOT 103A and 103B and BOT 107.
2.0 hours lecture
An overview course providing information to those interested in careers as Virtual Assistants (those whose work consists mainly of internet communications and email correspondence) with a focus on virtual administrative services. Topics include defining a virtual career; creating, organizing and managing your virtual office, office and business ethics, financial planning; time management, buying and using technology, and promoting a virtual business. (CSU)

BOT-113
Social Media Basics for the Job Seeker **0.5 UNITS**
1.5 hours laboratory
Social Media Basics for the Job Seeker is an introduction to social media, social media providers, and social media uses. Definitions of social media and related terminology will be provided. Students will learn how to develop Facebook, LinkedIn, Twitter, and other accounts to develop a professional profile online. Safety and privacy will be covered. The course is designed for the beginner who wants to learn more about social media and how to use it to create an online professional portfolio. (CSU)

BOT-114
Essential Word **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 101A and BOT 101B or equivalent or concurrent enrollment.
0.5 hours lecture, 1.5 hours laboratory
This course is designed for the student who wants to learn the most commonly used features of a current popular word processing software package. Students who complete this course will be proficient in using text editing and formatting commands to produce typical business documents. They will also be proficient at using the mail merge feature to produce form letters, labels, and envelopes. Students who wish to study word processing software in more depth should consider enrolling in Business/Computer Science Information Systems 173 or Business Office Technology/Computer Science Information Systems 120, 121 and 122. See the current class schedule for version of Microsoft Word currently being used. Not open to students with credit in Business Office Technology/Computer Science Information Systems 121 or 122. (CSU)

BOT-115
Essential Excel **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This course is for the student who wants to become proficient in the most commonly used features of Microsoft Excel. Basic spreadsheet concepts and terms will be introduced. Students will learn how to create, format, and revise spreadsheets and charts. They will also learn how to create basic formulas and templates. The use of simple macros will be introduced. Students who desire more in depth coverage of these and additional topics should consider enrolling in Business Office Technology 123 and 124. (CSU)

BOT-116
Essential Access **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This course is for the student who wants to become proficient in the most commonly used features of Microsoft Access. Basic database concepts and terms will be introduced. Students will learn how to create, format, edit, and revise simple databases. They will learn to sort and filter records, to use queries, and to create forms, reports, and labels. Students who desire more in depth coverage of these and additional topics should consider enrolling in Business Office Technology 126, 127, and 128. (CSU)

BOT-117
Essential PowerPoint **1 UNITS**
0.5 hours lecture, 1.5 hours laboratory
This course is for the student who wants to become proficient in the most commonly used features of Microsoft PowerPoint. Basic concepts and terms will be introduced. Students will learn how to create, format, and revise PowerPoint presentations, including animation effects. Students who desire more in depth coverage of these and additional topics should consider enrolling in Business Office Technology 129, 130, and 131. Not open to students with credit in Business Office Technology 130 or 131. (CSU)

BOT-118
Integrated Office Projects **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BOT 114, 115, 116, and 117 or equivalents.
3.0 hours laboratory
Capstone course for BOT majors who have completed prerequisite courses in all applications of the Microsoft Office suite (Word, Excel, Access, PowerPoint). Students will apply their skills and use cloud computing technologies such as Microsoft OneDrive, Microsoft OneNote, and Google Drive to complete projects that integrate these applications. (CSU)

BOT-119
Windows for the Information Worker **2 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 or equivalent or concurrent enrollment in BOT 100.
2.0 hours lecture
This course is designed for students who wish to learn the latest generation of Windows. Students will learn to use the Windows operating system efficiently to customize desktop settings, control desktop applications and online apps, create an online account to access email and the cloud, conduct sophisticated online searches, understand and avoid online threats, and manage drives, files and folders. In addition, students will lean the latest in the "universal" application. (CSU)

BOT-120
Comprehensive Word, Level I **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 101A and BOT 101B or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This is the first level of a three-level course sequence designed to give students thorough coverage of most features of Microsoft Word. Students who complete all three levels will be prepared to take the Microsoft Office User Specialist (MOUS) certification examination or similar examinations. Students wishing less comprehensive coverage of Microsoft Word should consider enrolling in Business Office Technology 114. (CSU)

BOT-121
Comprehensive Word, Level II **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 120 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This course is the second level in a three-level course sequence designed to give students thorough coverage of all features of Microsoft Word. Students who complete all three levels will be prepared to take the Microsoft Office User Specialist (MOUS) certification examination or similar examinations. (CSU)

BOT-122
Comprehensive Word, Level III **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BOT 121 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This course is the third in a three-level course sequence designed to give students thorough coverage of most features of Microsoft Word. Students completing this three course sequence and preparing to take the Microsoft Office User Specialist (MOUS) certification examination or similar examinations should consider enrolling in Business Office Technology 280 prior to taking the examination. (CSU)

BOT-123
Comprehensive Excel, Level I **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This is the first level of a three-level course sequence designed to give students thorough coverage of most features of Microsoft Excel. Students who complete all three levels will be prepared to take the Microsoft Office User Specialist certification examination or similar examinations. Students wishing less comprehensive coverage of Microsoft Excel should consider enrolling in Business Office Technology 115. (CSU)

BOT-124
Comprehensive Excel, Level II **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 123 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This course is the second level in a three-level course sequence designed to give students a thorough coverage of all features of Excel. Students who complete all three levels will be prepared to take the Microsoft Office User Specialist (MOUS) certification examination or similar examinations. (CSU)

BOT-125
Comprehensive Excel, Level III **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BOT 124 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This is the third level in a three-level course sequence designed to give students thorough coverage of all the features of Excel. (CSU)

BOT-126
Comprehensive Access, Level I **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 and BOT 116 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This is the first level of a three-level course sequence designed to give students thorough coverage of most features of Microsoft Access. Students who complete all three levels will be prepared to take the Microsoft Office User Specialist certification examination or similar examinations. Students wishing less comprehensive coverage of Microsoft Access should consider enrolling in Business Office Technology 116. (CSU)

BOT-127
Comprehensive Access, Level II **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 126 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This course is the second level in a three-level course sequence designed to give students a thorough coverage of all features of Microsoft Access. Students who complete all three levels will be prepared to take the Microsoft Office User Specialist (MOUS) certification examination or similar examinations. (CSU)

BOT-128
Comprehensive Access, Level III **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BOT 127 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This course is the third in a three-level course sequence designed to give students thorough coverage of most features of Microsoft Access. Students who complete all three courses in the sequence will be prepared to take the Microsoft Office User Specialist (MOUS) certification examination or similar examinations in Access. (CSU)

BOT-129
Comprehensive PowerPoint, Level I **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 101A and BOT 101B and BOT 114 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This is the first level of a three-level course sequence designed to give students thorough coverage of most features of Microsoft PowerPoint. Students who complete all three levels will be prepared to take the Microsoft Office User Specialist (MOUS) certification examination or similar examinations. Students wishing less comprehensive coverage of Microsoft PowerPoint should consider enrolling in Business Office Technology 117. (CSU)

BOT-130
Comprehensive PowerPoint, Level II **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 129 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This course is the second level in a three-level course sequence designed to give students a thorough coverage of all features of Microsoft PowerPoint. Students who complete all three levels will be prepared to take the Microsoft Office User Specialist (MOUS) certification examination or similar examinations in PowerPoint. (CSU)

BOT-132
Google Applications for Business **3 UNITS**
3.0 hours lecture
In this course, students learn how to use Google Apps, a collection of free Web-based productivity tools, in a business environment. Topics include Google Search, Gmail, Google Calendar, Google Docs, Google Spreadsheets, Google Presentations, and emerging trends in Google Apps. Students use the Internet to access their files and the tools to manipulate and collaborate with them. (CSU)

BOT-133
Adobe Acrobat for the Workplace **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 119 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This course involves the study of Adobe Acrobat to create, manage, edit, assemble, and search PDF documents. Students will learn to create Adobe Portable Document Format (PDF), the universal file format for portable documents that preserves all of the fonts, formatting, colors, and graphics of any source document. Additionally, Acrobat can be used to create fillable forms, initiate review processes and apply legal features. Students will learn how to create PDF files from almost any file or paper document, as well as review and comment on PDF files, edit their content, combine multiple documents into a single PDF file, keep PDF files secure, sign them electronically using the Adobe Document Cloud, and work with interactive online forms. This course will equip students to use Adobe Acrobat successfully in all professional settings, including law offices. (CSU)

BOT-150
Using Microsoft Publisher **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 101A and 101B or 121 or equivalent.
0.5 hours lecture, 1.5 hours laboratory
An introductory course in Microsoft Publisher for those students who wish to acquire a basic understanding of concepts and terminology for the production of professional quality publications. The emphasis is on graphics, word processing, and page layout. (CSU)

BOT-151
Using Microsoft Outlook **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 and BOT 114 or BOT 120, or equivalent.
0.5 hours lecture, 1.5 hours laboratory
This course is designed to offer students proficiency in the use of Microsoft Outlook to create e-mail messages, maintain personal calendars and schedules, plan work, maintain contact lists, and organize information. (CSU)

BOT-160
Speech Recognition Applications **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Hands-on application with a current speech recognition software package. This includes training the software to recognize the user's voice; speaking accurately to improve the user's voice profile; opening and closing programs; selecting text; creating, editing, and formatting a variety of business documents; capitalizing, moving, inserting, saving, opening, and printing a variety of business documents; customizing the software; managing applications and documents; and managing keyboard and mouse control techniques. (CSU)

BOT-161
Medical Terminology **3 UNITS**
3.0 hours lecture
A basic course designed to familiarize students with fundamental medical terms and to help them recognize common prefixes, roots, and suffixes that will give clues to meaning. Stresses correct spelling, pronunciation, usage, and syllabication. Uses anatomy and physiology as a basis of study. (CSU)

BOT-163
Introduction to Basic Insurance Principles **3 UNITS**
3.0 hours lecture
This course will provide a working knowledge of the insurance basics necessary to begin a career in an insurance agency or an insurance company. Course content includes the principles of property and casualty insurance and the coverage they provide. (CSU)

BOT-164
Computer Software for the Insurance Industry **2 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" or concurrent enrollment in BOT 163 or equivalent insurance industry experience.
2.0 hours lecture
This course will provide knowledge of common rating software utilized in the rating of auto insurance, homeowners, and dwelling fire policies. In addition, the student will learn how to complete common industry forms such as applications. Students will be expected to recognize and understand common insurance industry terms. (CSU)

BOT-165
Medical Insurance Billing **4.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 102B and BOT 161 or equivalent. May be concurrently enrolled in BOT 161.
4.0 hours lecture, 2.0 hours laboratory
The course provides entry-level training in medical insurance billing. The course will cover government, military, private and group insurance claim forms and process, including the use of standardized forms. Students will develop an understanding of Current Procedural Terminology (CPT), International Classification of Diseases (ICD) and Health Care Procedural Coding System (HCPCS) as they are used in medical records, insurance billing, and related correspondence. Emphasis is placed on: ICD-9, CPT and HCPCS coding; processing and monitoring health care claims, manually and using specialized software; interpretation and processing of Explanation of Benefits (EOB) information; and claims review and appeal. Students will use word processing and patient accounting software to produce billing correspondence and documents. (CSU)

BOT-167
Medical Coding **4 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 161 and 165 or equivalent.
4.0 hours lecture, 1.0 hours laboratory
This course provides entry-level training in medical coding. Students will develop an understanding of Current Procedure Terminology (CPT) and International Classifications of Diseases (ICD-9-CM), Volumes I and II as they are used in records. (CSU)

BOT-170
Medical Office Procedures **6 UNITS**
Prerequisite: "C" grade or higher or "Pass" or concurrent enrollment in BOT 161 or equivalent.
6.0 hours lecture
A course designed for those who wish to pursue a career as a medical business office worker or for those currently working in a medical office who wish to improve their skills. Students will develop skills in oral and written communications, records management, office supervision, legal and ethical obligations, credit and collections, banking procedures, bookkeeping for a medical office, employer and payroll taxes, special administrative procedures and preparation of a procedure manual for the medical office. (CSU)

BOT-171
Microcomputer Business Applications Lab **1 UNITS**
Corequisite: Concurrent enrollment in BOT 172.
3.0 hours laboratory
This lab is highly recommended for all students enrolled in Business Office Technology 172, and is especially beneficial for students who do not have access to a microcomputer outside of class hours. Hands-on assignments will facilitate skill development in all areas of microcomputer applications covered in Business Office Technology 172. (CSU)

BOT-172
Introduction to Microcomputer Applications **2 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 119 and BOT 100 or BOT 101A.
2.0 hours lecture
This class introduces a student to microcomputer application software. It is taught using a Windows operating system and IBM-compatible microcomputer, using business software in a hands-on lecture approach. Topics include the use of microcomputers for word processing, spreadsheet, database, electronic publishing and presentation functions. (CSU)

BOT-176
Computerized Accounting Applications **2 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" or concurrent enrollment in BUS/BOT 109 or BUS 120.
2.0 hours lecture
An introductory course of computerized accounting functions utilizing an integrated general ledger software package. This course is especially beneficial for students, teachers and professionals who are using, or who plan to use, computerized accounting packages in a business environment. (CSU)

BOT-179
Computerized Accounting Lab **1 UNITS**
Corequisite: Concurrent enrollment in BUS/BOT 176.
3.0 hours laboratory
Supervised laboratory practice to enhance computer skills in subject areas included in Business/Business Office Technology. Use of integrated general accounting software for completion of projects assigned in Computerized Accounting Applications class. (CSU)

BOT-180
Basic Computerskills for Arabic Learners **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in Arabic 120 or equivalent.
1.0 hours lecture
Students will be provided with the basic information and skills needed to operate a computer efficiently to support Arabic classes with an emphasis on basic keyboarding techniques and typing in Arabic, editing and formatting text in Arabic, and creating, formatting, and editing PowerPoint presentations in Arabic. Includes an overview of file and folder management to store information, using computer input devices, searching the internet, and sending email with attachments. Not open to students with credit in ARBC 180.

BOT-223
Office Work Experience **1 UNITS**
Prerequisite: Limited to majors in Business Office Technology who have completed at least 12 units in the major.
Work experience in an office. Trainee spends 54 hours per semester in on-the-job training in an office. Keyboarding and computer skills as well as training in a variety of office procedures are required by most worksites. (CSU) 54 hours paid or unpaid work experience per semester.

BOT-224
Office Work Experience **2 UNITS**
Prerequisite: Limited to majors in Business Office Technology who have completed at least 12 units in the major.
Work experience in an office. Trainee spends 108 hours per semester in on-the-job training in an office. Keyboarding and computer skills as well as training in a variety of office procedures are required by most worksites. (CSU) 108 hours paid or unpaid work experience per semester.

BOT-225
Office Work Experience **3 UNITS**
Prerequisite: Limited to majors in Business Office Technology who have completed at least 12 units in the major.
Work experience in an office. Trainee spends 162 hours per semester in on-the-job training in an office. Keyboarding and computer skills as well as training in a variety of office procedures are required by most worksites. (CSU) 162 hours paid or unpaid work experience per semester.

Cardiovascular Technology (CVTE)

CVTE-099
Cardiovascular Technology Skills Lab **0 UNITS**
Prerequisite: Admission to the Cardiovascular Technology Program.
6.0 hours laboratory
This course is designed to provide current Cardiovascular Technology students psychomotor (skills) and affective (behavior) learning for adult echocardiography, non-invasive vascular ultrasound studies, and invasive CVT skills. Supervised practice is available on a recurring, as needed, and/or drop-in basis to improve student's performance levels and increase retention and success outcomes. This course is offered on a pass/no pass basis only. This is a no fee/no credit course.

CVTE-100
Physical Principles of Medicine I **2 UNITS**
Prerequisite: Admission to the Cardiovascular Technology Program.
Corequisite: CVTE 101 and 102 and 103.
2.0 hours lecture
A course in the mathematics and physical principles of medicine specifically applicable to the field of Cardiovascular Technology. Designed for students enrolled in the Cardiovascular Technology Program, the course includes studies in the use of mathematic formulas and physics used to evaluate the hemodynamics of the cardiovascular system. (CSU)

CVTE-101
Cardiovascular Physiology I **4 UNITS**
Prerequisite: Admission to the Cardiovascular Technology Program.
Corequisite: CVTE 100 and 102 and 103.
4.0 hours lecture
A study of the anatomy, physiology, and structural relationships of the human heart and vascular system. Designed for students enrolled in the Cardiovascular Technology program, the course will concentrate on specialized terminology, cardiac and vascular anatomy, electrocardiography, and cardiac function of the normal cardiovascular system. (CSU)

CVTE-102
Medical Instrumentation I **3 UNITS**
Prerequisite: Admission to the Cardiovascular Technology Program.
Corequisite: CVTE 100 and 101 and 103.
2.0 hours lecture, 3.0 hours laboratory
An integrated course in medical electronics and instrumentation for the cardiovascular technology student. The course will emphasize the concepts of electrical safety, the clinical application of electronic instruments and devices used in cardiovascular medicine, and the characteristics, recording, and measurement of bioelectric signals. (CSU)

CVTE-103
Laboratory Practicum and Proficiency Testing I **2 UNITS**
Prerequisite: Admission to the Cardiovascular Technology Program.
Corequisite: CVTE 100 and 101 and 102.
1.0 hours lecture, 3.0 hours laboratory
A practicum course designed to ensure competency in the basic skills required in the clinical practice of cardiovascular technology. Students acquire skills in the performance of indirect blood pressure measurement, ankle brachial index (ABI), patient transport, ultrasound imaging and Doppler interpretation of the heart and carotid arteries to include calculations of specified hemodynamic parameters. (CSU)

CVTE-104
Fundamentals of Electrocardiographic Theory and Practice I **3 UNITS**
Prerequisite: Admission to the Telemetry/ECG Certificate Program.
Corequisite: CVTE 105.
3.0 hours lecture
This course will provide basic electrocardiographic theory to understand and interpret 12-lead electrocardiograms and perform cardiac monitoring. Basic cardiac anatomy and physiology will be covered with a focus on the cardiac conduction system. Cardiac rhythm analysis will focus on sinus rhythms and atrial and ventricular arrhythmias. The skills required of a healthcare provider will be covered including HIPAA, job safety, special pediatric situations, patient care, communication with patients and associated healthcare personnel, and medical terminology. This course, CVTE 105, CVTE 106, and CVTE 108 are designed to prepare the student for any of several national ECG/EKG or Telemetry Tech certification exams. (CSU)

CVTE-105
Fundamentals of Electrocardiographic Theory and Practice Lab I **2 UNITS**
Corequisite: CVTE 104.
6.0 hours laboratory
A course in the practical standard, right-sided, posterior, and pediatric 12-lead electrocardiograms. The skills required of a healthcare provider to perform non-invasive blood pressure measurement, cardiac stress testing, and the use of personal protective equipment will be covered. Students will perform these skills in an on-campus laboratory setting and be assigned to lab rotations in local clinical facilities for a portion of the semester. This course, CVTE 104, CVTE 106, and CVTE 108 are designed to prepare the student for any of several national ECG/EKG or Telemetry Tech certification exams. (CSU)

CVTE-106
Fundamentals of Electrocardiographic Theory and Practice II **5 UNITS**
Prerequisite: "C" grade or higher in CVTE 104 and 105.
Corequisite: CVTE 108
4.0 hours lecture, 3.0 hours laboratory
This course will provide advanced electrocardiographic theory to understand and interpret electrocardiograms and perform cardiac monitoring. Advanced topics in ECG will include junctional rhythms, cardiac conduction blocks, cardiac pacemakers and associated rhythms, and special situations. Introduction of the cardiac action potential and pharmacological effects on heart rhythms. This course will provide the skills to admit patients to telemetry and the care of telemetry equipment and will include clinical assignment in a local telemetry unit. This course, CVTE 104, CVTE 105, and CVTE 108 are designed to prepare the student for any of several national ECG/EKG or Telemetry Tech certification exams. (CSU)

CVTE-107
Introduction to Clinical Practicum I **0.5 UNITS**
Corequisite: CVTE 100 and 101 and 102 and 103.
0.25 hours lecture, 0.75 hours laboratory
A course to introduce the first year/fall semester CVTE student, enrolled in the CVTE Program, to Invasive Cardiology, Adult Echocardiography and Vascular Technology in the hospital/clinical environment. The course is designed to acquaint and educate the student with the day-to-day procedures and specific job requirements and descriptions for each track specialty. This course will provide the needed information and clinical observations to enable them in selecting a subspecialty within the field of Cardiovascular Technology. (CSU)

CVTE-108
ECG/Telemetry Technician Career Preparation **2 UNITS**
Corequisite: CVTE 106
2.0 hours lecture
This course will prepare the ECG/Telemetry student for employment as an allied health professional in the role of the ECG technician and the telemetry technician. Utilizing classroom simulation and the learned clinical experience in ECG and Telemetry units throughout the certificate program, combined with basic job seeking skills, the ECG/Telemetry student will be prepared to seek employment as an allied health professional. Preparation for national credential exams such as but not limited to Cardiovascular Credentialing International Certified Cardiographic Technician (CCT) exam and the Certified Rhythm Analysis Technician (CRAT) exam.(CSU)

CVTE-109
X-Ray Physics and Radiation Safety **3 UNITS**
Prerequisite: "C" grade or higher in CVTE 100 and 101 and 102 and 103.
3.0 hours lecture
A course providing advanced study in medical electronics and instrumentation which focuses on imaging technologies, utilized in invasive cardiology. Emphasis will be placed upon radiation safety, fluoroscopic regulations, fluoroscopy techniques, the x-ray imaging chain, x-ray physics, cardiovascular angiographic projections, coronary angiographic techniques, optical principles, intravascular ultrasound and Doppler techniques. Additional emphasis is placed on fluoroscopic data collection, analysis and interpretation of clinical patterns. (CSU)

CVTE-110
Physical Principles of Medicine II **3 UNITS**
Prerequisite: "C" grade or higher in CVTE 100 and 101 and 102 and 103.
3.0 hours lecture
This course is a continuation of Cardiovascular Technology 100 with emphasis on the physical characteristics of sound, ultrasound, and Doppler ultrasound as utilized in medical diagnostic testing. The course explores the physics involved in the formation, propagation, and reflection of sound and ultrasound, the characteristics of the various types of transducers used in echocardiography and vascular duplex scanning, and the mathematical techniques employed in the use of ultrasound to measure and calculate hemodynamic function indices. (CSU)

CVTE-111
Cardiovascular Physiology II **4 UNITS**
Prerequisite: "C" grade or higher in CVTE 100 and 101 and 102 and 103.
4.0 hours lecture
This course is a continuation of Cardiovascular Technology 101, Cardiovascular Physiology I, with emphasis on cardiovascular disease including arrhythmias, coronary artery disease, peripheral vascular disease, cardiomyopathies, heart failure and hypertension. Congenital heart disease will be introduced beginning with a study of the embryologic development of the heart. (CSU)

CVTE-113
Introduction to Clinical Practicum II **1 UNITS**
Prerequisite: "C" grade or higher in CVTE 100 and 101 and 102 and 103.
1.0 hours lecture
This course prepares the Cardiovascular Technology student for the clinical setting with topics such as the Health Insurance Portability and Accountability Act (HIPAA), Infection Control, Radiation Safety, patient transport, basic patient care, professionalism in the healthcare setting and expectations of the Cardiovascular Technology student during clinical assignments. (CSU)

CVTE-114
Cardiovascular Pharmacology **2 UNITS**
Prerequisite: "C" grade or higher in CVTE 111.
2.0 hours lecture
This course introduces medications used in the field of cardiovascular healthcare. Emphasis will be on the mechanism of the different types of medications and their use in the care of the cardiovascular patient. Concepts of drug classification, pharmacokinetics, and application of medications to cardiovascular disease and cardiovascular procedures will be the focus of this course.

CVTE-115
Introduction to Adult Echocardiography **4 UNITS**
Prerequisite: "C" grade or higher in CVTE 100 and 101 and 102 and 103.
2.0 hours lecture, 6.0 hours laboratory
An introduction to Adult Echocardiography. This course is in specialized techniques and cardiovascular theory to develop cognitive and manipulative skills in the clinical operation of specified ultrasound instrumentation, and in the performance of adult echocardiography. (CSU)

CVTE-116
Introduction to Invasive Cardiology **4 UNITS**
Prerequisite: "C" grade or higher in CVTE 100 and 101 and 102 and 103.
2.0 hours lecture, 6.0 hours laboratory
An introductory course in Invasive Cardiology with instruction in specialized techniques used in Invasive Cardiology and designed to provide lecture and laboratory practicum necessary to develop cognitive and manipulative skills in the clinical operation of specified cardiovascular instrumentation, and in the performance of diagnostic tests in cardiac catheterization procedures. (CSU)

CVTE-117
Introduction to Vascular Technology **4 UNITS**
Prerequisite: A "C" grade or higher in all CVTE 100 and 101 and 102 and 103.
2.0 hours lecture, 6.0 hours laboratory
An introduction to vascular diagnostic sonography. This course covers specialized techniques of noninvasive testing of the human vascular system. It is designed to provide lecture and laboratory instruction in cognitive and psychomotor skills required for the clinical operation of ultrasound and other diagnostic instrumentation, as well as in the rationale, performance, and interpretation of diagnostic tests used in the vascular lab. (CSU)

CVTE-130
Clinical Practicum I **2 UNITS**
Prerequisite: "C" grade or higher in CVTE 113.
6.0 hours laboratory
This laboratory course is the first student opportunity to perform cardiovascular diagnostic testing in a clinical setting under the guidance of an experienced Cardiovascular Technologist. Basic patient interaction, routine patient care, diagnostic testing in a clinical setting, preliminary findings and the physician's final report will be introduced. The diagnostic proficiencies learned in the classroom and practiced during the first-year lab sessions of the Cardiovascular Technology Program will be applied to situations in the hospital, clinic or doctor's office setting. (CSU)

CVTE-220
Clinical Practicum II **5 UNITS**
Prerequisite: "C" grade or higher in CVTE 130.
15.0 hours laboratory
The second laboratory course providing clinical practicum for students in the Cardiovascular Technology Program. Emphasis will be on the continuation of building the skills, knowledge and behaviors necessary for the successful Cardiovascular Technologist. The performance of specified diagnostic tests, calculation of hemodynamic data, and professional performance in the clinical environment will be stressed. (CSU)

CVTE-221
Diagnostic Procedures I: Adult Echocardiography **5 UNITS**
Prerequisite: "C" grade or higher in CVTE 115.
3.0 hours lecture, 6.0 hours laboratory
A course in specialized techniques using echocardiography for testing and evaluation of cardiovascular disease. Lectures will stress the performance and analysis of cardiac ultrasound studies, the relationship of ultrasound findings to cardiac pathology and the measurement and calculation of specified hemodynamic parameters. Special emphasis is given to incorporating the American Society of Echocardiography (ASE) Guidelines. The classroom laboratory provides advanced instruction in the topics and performance of diagnostics tests in echocardiography. The theory, operation and clinical application of specified diagnostic medical instrumentation will be applied. (CSU)

CVTE-222
Interventional Procedures I: Invasive Cardiology **5 UNITS**
Prerequisite: "C" grade or higher in CVTE 116.
3.0 hours lecture, 6.0 hours laboratory
This course provides advanced study in medical electronics and instrumentation, focusing on devices utilized in invasive cardiology. Specialized techniques and interpretation of physiologic data obtained during diagnostic and interventional procedures performed in the Cardiac Catheterization Lab will be emphasized. Classroom and hospital based lab sessions will focus on coronary, peripheral and electrophysiologic procedures. (CSU)

CVTE-223
Diagnostic Procedures I: Vascular Technology **5 UNITS**
Prerequisite: "C" grade or higher in CVTE 117.
3.0 hours lecture, 6.0 hours laboratory
A course of instruction in the specialized techniques of noninvasive testing of the human vascular system and the evaluation of vascular pathophysiology. Lectures will stress the performance and analysis of vascular ultrasound scanning, spectral analysis and the interpretation of scanning and non-scanning modalities for vascular testing. The classroom laboratory provides advanced instruction in the topics and performance of diagnostics tests in vascular technology. The theory, calibration, operation and clinical application of specified diagnostic medical instrumentation will be applied. Hospital based laboratory sessions are conducted in vascular laboratories in local hospitals, with instruction in techniques of duplex scanning of the cerebrovascular and lower-extremity vasculature. (CSU)

CVTE-225
Extended Experience in Clinical Practicum **1 UNITS**
Prerequisite: "C" grade or higher in CVTE 220.
3.0 hours laboratory
A course designed to provide students with a continuation of their clinical experience. This course will provide continued application of invasive, noninvasive and vascular diagnostic techniques and clinical instruction. Students are assigned to local clinical facilities where they participate in the performance of cardiac catheterization procedures, echocardiography and vascular studies as determined by clinical specialty. (CSU)

CVTE-250
Clinical Practicum III **5 UNITS**
Prerequisite: "C" grade or higher in CVTE 220.
15.0 hours laboratory
This third laboratory course provides a continuation of clinical practicum for students in the Cardiovascular Technology Program. Emphasis will be on consolidating skills acquired in CVTE 220 and building upon those skills to advance the student toward program completion. (CSU)

CVTE-251
Diagnostic Procedures II: Adult Echocardiography **5 UNITS**
Prerequisite: "C" grade or higher in CVTE 221.
3.0 hours lecture, 6.0 hours laboratory
This course is a continuation of Cardiovascular Technology 221. It is an advanced course in the techniques utilized in the diagnosis and serial follow-up of cardiovascular disease using conventional imaging as well as strain, stress echo, and trans-esophageal echocardiography (TEE). Special emphasis is given to incorporating the American Society of Echocardiography (ASE) Guidelines. The classroom laboratory continues advanced instruction in the topics and performance of diagnostics tests in echocardiography. The theory, operation and clinical application of specified diagnostic medical instrumentation will be applied. (CSU)

CVTE-252
Interventional Procedures II: Invasive Cardiology **5 UNITS**
Prerequisite: "C" grade or higher in CVTE 222.
3.0 hours lecture, 6.0 hours laboratory
This course continues the advanced study of cardiac medical electronics and instrumentation, focusing on devices utilized in invasive cardiology. Specialized interventional procedures performed in the Cardiac Catheterization Lab will be emphasized, along with structural heart, cardiac rhythm management, device implantation, and electrophysiology studies. Classroom and hospital-based lab sessions will focus on coronary, peripheral and electrophysiologic procedures. (CSU)

CVTE-253
Diagnostic Procedures II: Vascular Technology **5 UNITS**
Prerequisite: "C" grade or higher in CVTE 223.
3.0 hours lecture, 6.0 hours laboratory
A course of instruction in the specialized techniques of noninvasive testing of the human vascular system and the evaluation of vascular pathophysiology. Lectures will stress the performance and analysis of vascular ultrasound scanning, spectral analysis and the interpretation of scanning and non-scanning modalities for vascular testing. The classroom laboratory provides advanced instruction in the topics and performance of diagnostics tests in vascular technology. The theory, calibration, operation and clinical application of specified diagnostic medical instrumentation will be applied. Hospital based laboratory sessions are conducted in vascular laboratories in local hospitals, with instruction in techniques of duplex scanning of the cerebrovascular and lower-extremity and abdominal vasculature. (CSU)

Chemistry (CHEM)

CHEM-102
Introduction to General, Organic and Biological Chemistry **5 UNITS**
Prerequisite: Appropriate mathematics placement.
4.0 hours lecture, 3.0 hours laboratory
A one-semester course covering the basic principles of general, organic and biochemistry as needed to understand the biochemistry, physiology and pharmacology of the human body. This course is intended for students planning to transfer to a California State University nursing program. Students with a grade of "C" or higher in Chemistry 115 and 116 are not eligible for this class. (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A, Cal-GETC-5A)

CHEM-110
Environmental Chemistry **3 UNITS**
3.0 hours lecture
A course in chemistry designed for the nonscience student who wishes to discover how chemistry is an intricate part of our everyday life. Emphasis will be placed on basic chemical principles and practices, fundamental concepts, and modern implications of chemistry. Students will also become acquainted with environmental applications of topics covered, including the study of the environmental issues such as ozone depletions, global warming, air and water pollution, and radioactivity. Demonstrations and hands-on in-class experiments involving student participation take the place of a laboratory. (CSU/UC) (AA/AS-5, CSU-B1, IGETC-5A, Cal-GETC-5A(

CHEM-113
Forensic Chemistry **4 UNITS**
Prerequisite: Appropriate mathematics placement.
3.0 hours lecture, 3.0 hours laboratory
Elementary principles of inorganic and general chemistry with application to the field of criminal justice. Students will learn basic chemical terminology, problem solving techniques and chemical explanations of our environment. Emphasis will be placed on forensic applications of topics covered, including the study of physical evidence such as hair, fibers, glass, fingerprints, and paint. Organic and inorganic techniques for analyzing evidence will be studied in lecture and practiced in lab. Previous chemistry background is helpful, but not required. This course is recommended for students needing a one semester general chemistry laboratory course. This course does not satisfy the prerequisite for Chemistry 141. Students will not receive credit toward graduation for more than one of the following courses: Chemistry 113, Chemistry 115, and Chemistry 120. (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C, Cal-GETC-5A,5C)

CHEM-115
Fundamentals of Chemistry **4 UNITS**
Prerequisite: Appropriate mathematics placement.
3.0 hours lecture, 3.0 hours laboratory
Elementary principles of inorganic and general chemistry with an overview of organic and biochemistry. Basic chemical terminology, problem solving techniques and chemical explanations of our environment will be studied. Chemical concepts will be explained through common applications such as health science and forensic science. Previous chemistry background is helpful, but not required. This course is recommended for students needing a one semester general chemistry laboratory course. This course does not satisfy the prerequisite for Chemistry 141. Students will not receive credit toward graduation for more than one of the following courses: Chemistry 113, Chemistry 115 and Chemistry 120. (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C Cal-GETC-5A,5C)

CHEM-116
Introductory Organic and Biochemistry **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CHEM 115 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course introduces the study of carbon compounds with emphasis on their structure, properties, and reactivity. Introduction to the structure of the major classes of biomolecules- carbohydrates, lipids, and proteins- and their relationship to the major classes of organic compounds. (CSU/UC) (AA/AS-5, CSU-B1, IGETC-5A, Cal-GETC-5A)

CHEM-117
Introductory Biochemistry **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CHEM 116 or CHEM 102 or CHEM 231 or equivalent.
3.0 hours lecture
This course is an introduction to the chemistry of biochemical reactions and biochemical molecules. Topics include: acid/base chemistry, thermodynamics, cell biology, amino acids, and proteins, enzymes, lipids, membranes and transport, carbohydrates, metabolism, nucleic acids, and information transfer. This course is designed for students majoring in nutrition, allied health, nursing, and the chemical or life sciences. (CSU/UC) (AA/AS-5, CSU-B2, IGETC-5B, Cal-GETC-5B)

CHEM-120
Preparation for General Chemistry **4 UNITS**
Prerequisite: Appropriate mathematics placement or intermediate algebra.
3.0 hours lecture, 3.0 hours laboratory
A beginning general chemistry course for students with little or no background in chemistry. This course will prepare students for a full year general chemistry course. This course will be an intensive study in the areas of problem solving, basic atomic theory, chemical nomenclature, stoichiometry, gas laws, solutions, acid-base chemistry, and redox. The laboratory will be an introduction to quantitative techniques, descriptive chemistry, gas laws, and data treatment. Students will not receive credit toward graduation for more than one of the following courses: Chemistry 113, Chemistry 115 and Chemistry 120. (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C, Cal-GETC-5A-5C)

CHEM-141
General Chemistry I **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in Chemistry 120 or equivalent; OR the CHEM 141 assessment and intermediate algebra or appropriate mathematics placement.
3.0 hours lecture, 6.0 hours laboratory
Basic principles and calculation of chemistry with emphasis in stoichiometry, gas laws, kinetic-molecular theory, basic equilibrium including gas phase and solution phase, pH atomic and molecular structures, chemical bonding, and applications of the First Law of Thermodynamics. The laboratory is an introduction to classical and instrumental analysis, the principles of equilibrium, and atomic and molecular structures. (C-ID CHEM 110 and CHEM 120S with CHEM 142) (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C, Cal-GETC-5A,5C)

CHEM-142
General Chemistry II **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CHEM 141 or equivalent.
3.0 hours lecture, 6.0 hours laboratory
Basic principles and calculations of chemistry with emphasis on the areas of thermodynamics, kinetics, aqueous equilibrium, electrochemistry, coordination chemistry, nuclear chemistry and an introduction to organic and biochemistry. The laboratory will demonstrate the concepts presented in lecture and in addition will introduce qualitative analysis. (C-ID CHEM 120S with CHEM 141) (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C, Cal-GETC-5A,5C)

CHEM-231
Organic Chemistry I **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CHEM 142 or equivalent.
3.0 hours lecture, 6.0 hours laboratory
First of a two semester organic chemistry sequence. The topics covered will include nomenclature of organic compounds, stereochemistry, reaction mechanisms, and the study of representative reactions for certain classes or organic compounds. The relationship of structure to properties, reactivity and mechanism or reaction will be emphasized. Students will become familiar with organic structure and functional groups by performing organic reactions. These will include nucleophilic substitution, dehydration, and organic redox used to synthesize new compounds from starting materials. Students will become proficient at separation and purification techniques including TLC, column chromatography, recrystallizations and distillations. They will also utilize a variety of instrumentation including NMR, FTIR spectroscopy, gas chromatography, UV spectroscopy, and HPLC. (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C, Cal-GETC-5A,5C)

CHEM-232
Organic Chemistry II **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CHEM 231 or equivalent.
3.0 hours lecture, 6.0 hours laboratory
Second of a two semester sequence. The topics covered will include: structure and reactivity of carboxylic acids and their derivatives, amines and other nitrogen functional groups, aromatic compounds, heterocyclic compounds, polyfunctional compounds, conjugation and aromaticity, and multistep organic synthesis. (C-ID CHEM 160S with CHEM 231) (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C, Cal-GETC-5A,5C)

Child Development (CD)

CD-101
Parent Education **1 UNITS**
1.0 hours lecture
This course is primarily designed for parents of children enrolled in the Child Development Center although others are welcome to take the class. The course includes an overview of child development principles and an exploration of the role of parents in supporting the development of their children. The course will provide guidance in effective parenting strategies reflecting family and cultural beliefs. Discussions and assignments will relate directly to the participants' interaction with young children. (CSU)

CD-106
Practicum: Beginning Observation and Experience **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CD 123 or CD 125 or equivalent.
3.0 hours laboratory
A laboratory experience at an approved placement site, this course includes observing and recording behavior of infant through preschool children and working directly with preschool children. This course is designed to reinforce and augment understanding of principles and techniques for observing, assessing, planning and working with young children through direct experience. (CSU)

CD-115
Changing American Family **3 UNITS**
3.0 hours lecture
A survey of the contemporary American family with emphasis on changes in form, functions and expectations. The history of the family, both public and private, will be considered and examined in relation to the effects of class, ethnicity and social policy. The effects on the family of common life events experienced by individuals and family members will be covered including sexuality, mate selection, marriage, childbearing, the working family, divorce, domestic violence and aging. The future of the family including implications for the individual and society will be discussed. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

CD-121
The Arts and Creativity for Young Children **3 UNITS**
3.0 hours lecture
This course will explore the development of creativity and creative expression through art, music, dramatic play and movement. Students will participate in a variety of creative experiences and learn strategies for incorporating the creative arts into daily routines and curriculum in early care and education settings. Developing skills to prepare an inclusive classroom environment that integrates creativity, is aesthetically pleasing, and developmentally appropriate will be a part of the course. This class meets the Program/Curriculum core requirement for Community Care Licensing and the California Commission on Teacher Credentialing Child Development Permit. (CSU)

CD-123
Principles and Practices of Programs and Curriculum for Young Children **3 UNITS**
3.0 hours lecture
An examination of theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting emotional, physical, social, creative and intellectual development for all children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics and professional identity. Legal requirements for programs in California including Title 22 and Title 5 are also included. (CSU)

CD-124
Infant and Toddler Development **3 UNITS**
3.0 hours lecture
This course is a study of infants and toddlers, ages 0-3, which focuses on development in social-emotional, cognitive, language, and motor domains, including variations due to linguistic, cultural, socioeconomic and special needs. Emphasis is on development as it relates to care in a group setting. Theories and current issues related to group care are examined as well as appropriate methods of guidance and socialization. A strong focus is placed on the importance of the cultural context as it relates to meeting individual needs and building positive relationships with both child and family. (CSU)

CD-125
Child Growth and Development **3 UNITS**
3.0 hours lecture
This course is a study of child growth and development from conception through adolescence as determined by the interaction of the biosocial, cognitive and social/emotional domains of development within the family and the cultural context with implications for raising successful adults. Observations of children of various ages is an integral part of this course. (C-ID CDEV 100) (CSU/UC) (AA/AS-4, CSU-D,E, IGETC-4, Cal-GETC-4)

CD-127
Science and Mathematics for Child Development **3 UNITS**
Recommended Preparation: CD 125.
3.0 hours lecture
This course stresses the importance and value of science and mathematics in programs for young children. Students will gain an understanding of how children develop basic concepts of math and science, evaluate curriculum, and utilize appropriate methods and materials for early childhood education programs. Emphasis will be on the diverse and developmental differences of children. (CSU)

CD-129
Language and Literature for Child Development **3 UNITS**
Recommended Preparation: Child Development 125.
3.0 hours lecture
This course is designed to enhance the role of the teacher in supporting language and literacy development for young children. Students evaluate children's literature and develop practical skills in communicating, reading and telling appropriate stories. Respectful, nurturing relationships, developmentally appropriate learning environments and collaborations with families and staff of diverse backgrounds will be emphasized as foundations for supporting first and second language acquisition and emergent literacy. (CSU)

CD-130
Curriculum: Design and Implementation **3 UNITS**
Recommended Preparation: Child Development 121, 123, 125, 127, 129 and 131.
3.0 hours lecture
This course integrates knowledge and skills from previous Child Development coursework as a foundation for designing appropriate curriculum and environments for young children. Students will examine a variety of approaches to curriculum development. The class will emphasize a co-constructive process of observation, implementation and documentation for designing environments that generate meaningful relevant learning that is responsive to the child in the context of family and culture. (C-ID ECE 130) (CSU)

CD-131
Child, Family and Community **3 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in Child Development 123 and 125 or equivalent.
3.0 hours lecture
This course examines the socialization process including the role families, school, media, peers, and community play in children's development. Students will learn strategies to support children and families in a diverse society, including how to develop and maintain effective teacher and family relationships. Community resources and agencies that strengthen families will be examined. This course is required by the California State Department of Social Services for teachers and directors. (C-ID CDEV 100) (CSU/UC) (AA/AS-4, CSU-D,E, IGETC-4, Cal-GETC-4)

CD-132
Observation and Assessment: Field Experience Seminar **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CD 106, 121, 123, 125, 127, 129, 131 and 130 or 143 or equivalent.
Corequisite: CD 133
3.0 hours lecture
This seminar is for the student participating in field experience as a student teacher in early childhood education programs. Students will develop skills in observation and authentic assessment and portfolio development for children and develop positive communication and guidance skills for working with children and families. These skills will be implemented in CD 133. As part of the course students will reexamine professional ethics, responsibilities and expectations of the work force and explore strategies for job search. (C-ID ECE 200) (CSU)

CD-133
Practicum-Field Experience: Student Teaching **2 UNITS**
Prerequisite: A "C" grade or higher in Child Development 106 or equivalent and 121,123, 125, 127, 129, 130 and 131 or equivalent.
Corequisite: CD 132.
The student teacher will design, implement and evaluate curriculum experiences under supervision, at approved field placement sites. Students will apply previous coursework to make connections between theory and practice, demonstrate professional behaviors and build a comprehensive understanding of children in the group environment. This course emphasizes respectful workplace relationships among children and adults that serve as a foundation for co-construction and positive guidance. (C-ID ECE 210) (CSU) 108 hours paid or unpaid work experience per semester.

CD-134
Health, Safety and Nutrition of Young Children **3 UNITS**
3.0 hours lecture
This course emphasizes strategies for applying holistic health, safety and nutrition in early childhood settings. This course is designed for teachers, parents or others who desire current information on concepts of health, safety, and nutrition as it applies to children from infancy through school age. This course will cover laws, practices and curriculum regarding physical and mental health, safety, fitness and nutrition. An emphasis on program planning will include collaboration with families and health care providers leading to the development of good habits, attitudes, and responses promoting healthy and safe lifestyles. (C-ID ECE 220) (CSU)

CD-136
Adult Supervision **3 UNITS**
Recommended Preparation: A "C" grade or higher in 12 units of Child Development core curriculum: CD 125 (3 units); CD 131 (3 units); 6 units from CD 121, 123, 127, 129, 143, 130 and/or 153 and currently teaching in a preschool or child care setting in the role of the lead teacher or head teacher or other supervisory capacity.
3.0 hours lecture
This course provides students with the opportunity to develop skills in establishing and maintaining supportive working relationships with adults in early childhood settings. Based on a proactive approach, the course will explore positive communication strategies including team building, collaboration and problem solving. (CSU)

CD-137
Administration of Child Development Programs I **3 UNITS**
Recommended Preparation: "C" grade or higher in 12 units of Child Development core curriculum: CD 125 (3 units); CD 131 (3 units); 6 units from CD 121, 123, 127, 129, 143, 130 and/or 153 and currently teaching in a preschool or child care setting in the role of the lead teacher or head teacher or other supervisory capacity.
3.0 hours lecture
This course is designed for the beginning director of child care and preschool programs. It includes administrative tools, knowledge and techniques needed to organize, open and operate a child development facility. Topics include budget, management, regulatory laws, and development of school policies and procedures. This course is required by the California Department of Social Services and California Department of Education for child care and preschool program directors and site supervisors. (CSU)

CD-138
Administration of Child Development Programs II **3 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in Child Development 137 or equivalent.
3.0 hours lecture
This course is designed for the experienced director of childcare and preschool programs. The focus of this class is on human relationships in the professional setting. Included topics are political, fiscal, and working conditions and how they affect turnover and morale of staff; support for families in the program and managing personal growth and development. (CSU)

CD-141
Working with Children with Special Needs **3 UNITS**
Recommended Preparation: Child Development 124 or 125 or equivalent.
3.0 hours lecture
The course focuses on strategies for working with children with special needs including physical, neurological and sensory challenges, developmental delays, learning disabilities and giftedness, and emotional and behavioral disorders. With an emphasis on inclusion in the traditional classroom and the childcare setting, this class will include compliance with legislation, observation, identification and referral processes, family involvement, and modification of the environment and curriculum. (CSU)

CD-143
Responsive Planning for Infant/Toddler Care **3 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in Child Development 124 or 125 or equivalent.
3.0 hours lecture
This course will examine programs, philosophies and components of high quality group care for infants and toddlers. Students will develop planning skills for environments, experiences, and care giving routines that are based on respectful relationships and needs of diverse children and families. Emphasis will be on building relationships between the family, child, and caregiver in the context of linguistic, cultural, socioeconomic, individual family differences, and special needs. (CSU)

CD-144
Baby Signs: Communicating with Infants/Toddlers **1 UNITS**
1.0 hours lecture
This course is an introduction to gestural communication or "Baby Signs" with normally developing infants and toddlers. Modified sign-language is taught as a means of communication with preverbal or newly verbal children. An emphasis is placed on incorporating gestures into daily routines, play, and song in infant care settings to foster reciprocal and responsive relationships. Strategies for teaching parents about "Baby Signs" and working with children's individual needs are included. (CSU)

CD-145
Child Abuse and Family Violence in Our Society **3 UNITS**
3.0 hours lecture
Child abuse and neglect, domestic violence, elder abuse and community violence as well as safety andself protection will be examined with an emphasis on how the classroom teacher, foster parents and members of the general public can recognize, prevent, report, and intervene in cases of child abuse and domestic violence. (CSU/UC) (AA/AS-4, CSU-D,E)

CD-147
Trauma and Its Effects on Children, Families and Teachers **3 UNITS**
3.0 hours lecture
This course will explore the impact of trauma on children and how it affects their development, family systems and teachers who work with these children. Basic information regarding childhood trauma including the neurobiology of trauma, its effect on the brain and overall development, Adverse Childhood Experiences (ACES), and the prevalence of trauma in children will be studied. The Polyvagel Theory of the autonomous nervous system and how it is shaped by early experiences will be introduced, examined, and discussed. The impact of culture and race on trauma will be reviewed. The definition of trauma and its causes will be summarized. The effects of trauma on a child's brain and resultant development will be discussed. Children's behavior as it relates to trauma will be related to the Polyvagel Theory. The effects of trauma on family systems will be reviewed. The effects of secondary trauma on teachers will be explained. This course is designed to help the teacher understand the scope of the effects of trauma on children and their families and to help them to create an environment that will support trauma-informed care for those children and their families, and themselves. (CSU/UC)

CD-148
Trauma Informed Practice for Early Childhood Education **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CD 147 or equivalent.
3.0 hours lecture
This course deals with teaching practices/strategies to support and empower children with trauma. Information on resilience and the important of creating relationships with these children will be presented. The Polyvagel Theory of the autonomous nervous system and its impact on children's behavior will be reviewed. The importance of play in the lives of children with trauma will be explored, including the benefits of play for healing, the impact of play and how play can be used to address negative effects of trauma. The importance of partnering and engaging with families of children with trauma will be considered, including how it benefits both children and families. Trauma-informed teaching practices for working with children with trauma that apply the principles of TIC (trauma -informed care) will be reviewed and discussed. The impact of working with children with trauma on teachers/caregivers will be reviewed and self-care practices for both teachers and children will be discussed. This course is designed to help teachers develop supportive practices to help children and their families heal from trauma as well as the teachers who interact with them. (CSU/UC)

CD-153
Teaching in a Diverse Society **3 UNITS**
3.0 hours lecture
Analysis of the many contexts and variables related to an individual's socialization process and how these forces impact one's work with children and families. This course will examine and discuss topics related to culture, race, ethnicity, religion, gender, socioeconomic status, sexual orientation, special needs, and diverse lifestyles as they are represented in our schools and society at large. This course includes self-reflection as a tool for personal growth. Current social issues will be examined through the lens of global diversity. Students will better understand their own attitudes regarding diversity and apply this knowledge to their work with children and families. (C-ID ECE 230) (CSU)

CD-168
Positive Guidance in Early Childhood Setting **1 UNITS**
1.0 hours lecture
This course provides teachers and child care providers with the tools to create an environment that supports children's behavior. It addresses the development, social, and cultural understanding of the reasons for children's behavior. Practical classroom strategies including indirect guidance, verbal guidance, positive interaction skills, modeling and problem solving will be explored. The importance of building positive relationships with the family is also included. This course is offered on a Pass/No Pass basis only. (CSU)

CD-169
Helping Children Cope with Crisis and Change **1 UNITS**
1.0 hours lecture
Children see the world from an entirely different perspective than adults, including how they cope with life's adversities. This class will assist the caregiver (parent, teacher or child care provider) in first, identifying children who may be dealing with a crisis or change in their life that is impacting their wellness, and secondly, offering the adult the tools for helping the child learn to cope with a crisis or change. This course is offered on a Pass/No Pass basis only. (CSU)

CD-174
The Reggio Emilia Approach to Learning: An Introduction **3 UNITS**
3.0 hours lecture
The Reggio Emilia Preschools and Infant/Toddler programs are recognized as outstanding early childhood programs. This course will provide students with an overview of the principles and classroom applications of the Reggio approach. The role of the teachers, working in collaboration, in daily implementation of a social-constructivist approach will be explored. Students will be provided with information about schools locally and in other areas of the United States implementing the Reggio approach. (CSU)

CD-175
Documenting Children's Learning in Early Childhood Education **3 UNITS**
Recommended Preparation: Child Development 125 and 174 or equivalent.
3.0 hours lecture
The preschools and infant/toddler centers of Reggio Emilia, Italy are recognized as examples of best practices in early childhood education. This course will provide students with an in-depth exploration of the process of documentation including the role of the teacher and the use of technology in documenting children's learning. Students will explore the relationship of documentation to the co-construction of curriculum. Classroom activities and assignments will require a student to be actively involved with young children. (CSU)

CD-212
Practicum in Early Childhood Education **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CD 123, 125, 130 and 131 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
In this course students will practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child-centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement, and evaluate experiences that promote positive development and learning for all young children. This course is for the Associate in Arts in Early Childhood Development for Transfer Degree. (C-ID ECE 210) (CSU)

CD-213
Observation and Assessment **3 UNITS**
3.0 hours lecture
This course focuses on the appropriate use of a variety of assessment and observation strategies to document child development and behavior. Child observations will be conducted and analyzed. This course is for the Associate in Arts in Early Childhood Development for Transfer Degree only. (C-ID ECE 200) (CSU)

Chinese (CHIN)

CHIN-120
Chinese I **5 UNITS**
5.0 hours lecture
An introductory course to the Chinese language and the culture of its speakers. This course facilitates the practical application of the language in everyday oral and written communication at the beginning novice level. Since the focus will be on basic communication skills, the class will be conducted in Mandarin Chinese as much as possible. While becoming familiar with the Chinese speaking world, students will learn structures that will enable them to function in Chinese in everyday contexts. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

CHIN-121
Chinese II **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CHIN 120 or two years of high school Chinese or equivalent.
5.0 hours lecture
This second course will continue to develop oral skills based on practical everyday needs and written skills based on formal communication. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,6A, Cal-GETC-3B)

CHIN-220
Chinese III **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CHIN 121 or three years of high school Chinese or equivalent.
5.0 hours lecture
Chinese 220 is the continuation of Chinese 121. The course will continue to develop oral, listening, reading, and writing skills in order to acquire proficiency in Mandarin Chinese. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,6A, Cal-GETC-3B)

CHIN-221
Chinese IV **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CHIN 220 or four years of high school Chinese or equivalent.
5.0 hours lecture
Chinese 221 is the continuation of Chinese 220. The course will continue to develop oral, listening, reading, and writing skills in order to acquire proficiency in Mandarin Chinese. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,6A, Cal-GETC-3B)

CHIN-250
Conversational Chinese I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CHIN 121 or three years of high school Chinese or equivalent.
3.0 hours lecture
This course will continue to develop oral, listening, reading, and writing skills with emphasis in oral proficiency in Mandarin Chinese. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

CHIN-251
Conversational Chinese II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CHIN 250 or four years of high school Chinese or equivalent.
3.0 hours lecture
This course will continue to develop oral, listening, reading, and writing skills with emphasis in oral proficiency in Mandarin Chinese. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

Communication (COMM)

COMM-C1000
Introduction to Public Speaking **3 UNITS**
3.0 hours lecture
In this course, students learn and apply foundational rhetorical theories and techniques of public speaking in a multicultural democratic society. Students discover, develop, and critically analyze ideas in public discourse through research, reasoning, organization, composition, delivery to a live audience and evaluation of various types of speeches, including informative and persuasive speeches. Special attention will be given to learning how to prepare, organize and deliver a speech to a diverse audience, while demonstrating rhetorical sensitivity to diversity, equity, inclusion, belonging, and accessibility. Additionally, students will employ effective verbal and nonverbal practices while delivering a speech and managing communication apprehension (speech anxiety). Furthermore, students will utilize presentation aids, enhanced listening skills and ethically obtain and present speech content. Formerly COMM 122. Not open to students with credit in COMM 122.

COMM-120
Interpersonal Communication **3 UNITS**
3.0 hours lecture
This course provides an opportunity to learn and to apply, in daily life, principles of effective interpersonal communication, effective rhetorical strategies, and public speaking skills. The course explores strategies for improving interpersonal relationships and communication skills by understanding personal, situational, and cultural influences on human communication. Students present speeches and participate in structured oral and written exercises and simulations; these activities are designed to enhance communicative awareness and skills in interpersonal contexts. Attention may be given to rhetorical strategies, situational analysis, perception, identity, disclosure, emotional intelligence, listening, conversation management, relational dynamics, conflict management, and verbal/nonverbal communication skills, including delivery of speeches to a live audience. (C-ID COMM 130) (CSU/UC) (AA/AS-A2, CSU-A1, IGETC-1C)

COMM-123
Advanced Public Speaking **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in COMM 122 or equivalent.
3.0 hours lecture
Advanced training in the preparation and delivery of common types of public speaking. There is an emphasis on new theoretical approaches to the process of oral communication. (CSU/UC)

COMM-124
Intercultural Communication **3 UNITS**
3.0 hours lecture
The purpose of this course is to explore and learn about intercultural communication: the study of face-to-face communication between people from different cultural backgrounds, including those reflecting national or ethnic diversity. This course will utilize a culture-general approach, meaning that the focus will be in general principles of intercultural communication that are applicable across a broad spectrum of cultures and contexts. (C-ID COMM 150) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4G, Cal-GETC-4)

COMM-126
Communication Studies: Health and Wellness **3 UNITS**
3.0 hours lecture
This introductory course provides students the opportunity to study and to apply principles and practices of health communication in a variety of contexts. Students will explore ways in which we communicate about health, cope with health-related problems, and influence one another's health-related behaviors. Specifically, topics cover provider-patient interaction, health and identity, the role of culture in health, health literacy, health in the work place, support networks, empathy, listening, and health campaigns. This course benefits all students interested in communication studies. The overall goal for this course is to prepare students to communicate effectively in their roles as health citizens, patients, personal and professional caregivers or healthcare providers. (CSU)

COMM-128
Global Communication **3 UNITS**
3.0 hours lecture
This interdisciplinary course is a classroom-to-classroom exchange that offers participants the opportunity to grow as global citizens by developing relationships with students at a college in another country. The course merges the Communication, Education, and Information Technology disciplines to form a global communication content base that focuses on the improvement of cross-cultural communication skills. The principles of Cognitive Education Theory set the constructivist mode for the course, while the Theory of Technological Change takes the student on a historical journey of the evolution of technology from data processing to its current form, the merging of minds, technology and human-environment interaction. Theories from the communication field are the foundation for the real cross-cultural interaction that takes place in the course as well as the analysis of real life cultural context situations. Emphasis is placed on global factors that have brought cultures into frequent contact, specifically in the education, business and healthcare contexts, and how cultural and technological factors influence interaction in these environments. (CSU/UC) (AA/AS-4, CSU-D)

COMM-130
Fundamentals of Human Communication **3 UNITS**
3.0 hours lecture
A survey of the theory, basic principles, and methods of human communication with emphasis on improving speaking and listening in public speaking, interpersonal and group context. (CSU/UC) (AA/AS-A2, CSU-1B, IGETC-1C)

COMM-135
Oral Interpretation of Literature **3 UNITS**
3.0 hours lecture
This course provides both a theoretical and a practical exploration of the oral interpretation of literature. Attention is given to art appreciation, art criticism, and analysis as it relates to the performance of literature in various genres. The oral interpretation of traditional literary genres of poetry, prose, and drama is practiced, as well as newer and more diverse modes of expression such as spoken word and other cultural forms of artistic expression. Emphasis is on the effective interpretation, communication, and performance of various literary works. (C-ID COMM 170) (CSU/UC) (AA/AS-3)

COMM-136
Readers Theatre **3 UNITS**
3.0 hours lecture
The course is designed to provide training in the theory, concepts and history of Readers Theatre. The course covers principles of literature selection, analysis, adaptation, direction, and presentation, as well as literary methods and modes of narration. (CSU/UC) (CSU-C2)

COMM-137
Critical Thinking in Group Communication **3 UNITS**
3.0 hours lecture
This course is designed to assist students in the development of critical thinking and decision making skills in the small group communication context. There is an emphasis on the basic elements of critical thinking, such as evidence, reasoning, and language. In addition to examining these basic elements, students become familiar with leadership strategies, problem solving techniques, discussion plans and conflict management as applicable in groups. (C-ID COMM 140) (CSU/UC) (AA/AS-3, CSU-A3)

COMM-144
Communication Studies: Race and Ethnicity **3 UNITS**
3.0 hours lecture
This course provides both a theoretical and a practical exploration of communication, race, and ethnicity in the general context of U.S. culture, with a focus on race and ethnicity in popular culture and the arts. Attention is given to how contemporary and historical constructions of race and ethnicity influence both popular and everyday communication interactions. Emphasis is on developing communication competence in situations where perceived racial or ethnic difference factors into successful communication outcomes. (CSU/UC) (AA/AS-3, CSU-C2,D, IGETC-3B,4, Cal-GETC-3B,4)

COMM-145
Argumentation **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL C1000 or ESL 122 or equivalent.
3.0 hours lecture
This course emphasizes the construction and analyses of public argument. The course covers the theory of argument, the processes and development of arguments and the application of argument to decision making. Topics include: methods of critical inquiry and advocacy; identifying fallacies in reasoning and language; the process of inquiry-driven research; testing evidence and evidence sources; advancing a reasoned position; and defending and refuting arguments. Analysis, presentation, and evaluation of oral and written arguments are emphasized. Students will employ argumentation theory and critical reasoning to construct detailed written essays based on inquiry-driven research, methods of analysis, evidence use, and ethical advocacy. (C-ID COMM 120) (CSU/UC) (AA/AS-3, CSU-A3)

COMM-150
Leadership in Communication **3 UNITS**
3.0 hours lecture
This course provides an opportunity to learn and apply principles of effective leadership communication skills, including critical thinking and decision making, crisis communication, ethics, diversity and inclusion, and human conflict in both small and large group settings. There is an emphasis connecting leadership theory to everyday practice. The course expects each student to develop their own leadership philosophy, based on their life experiences and strategies to impact their community. Philosophies will be developed by understanding personal, situational, and cultural influences on human communication and experience. Students are assigned individual and group presentations and participate in community-based activities, all of which are designed to enhance communicative awareness and skills in various leadership contexts.

COMM-238
Speech and Debate Competition I **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This is the introductory course to intercollegiate forensics - Grossmont's Speech and Debate Team. It is designed to give students preparation procedures for competitive speech/debate tournaments. Students will learn the requirements for the four major areas of competitive speaking: public address, oral interpretation, impromptu/extemporaneous speaking, and debate. The student will be required to participate or observe at one tournament or public speaking activity. (CSU)

COMM-239
Speech and Debate Competition II **2 UNITS**
2.0 hours lecture, 1.0 hours laboratory
This course is designed for the student to compete in intercollegiate speech and debate tournaments, through the Grossmont Speech and Debate Team. Students will develop speech performance skills by selecting areas of emphasis which include public speaking, oral interpretation or debate events. This course requires competition in at least one tournament or public speaking activity. (CSU)

COMM-240
Speech and Debate Competition III **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This course is designed for students to develop speaking and argumentation skills by competing in multiple intercollegiate speaking competitions, festivals or public events as members of the Grossmont Speech and Debate Team. Emphasis is on group and oral performance for team competition at state and national tournaments. Students will focus on multiple events from parliamentary debate, platform speaking, extemporaneous speaking, or oral interpretations events. Competition at two or more tournaments or public speaking activities required. (C-ID COMM 160B) (CSU)

COMM-241
Speech and Debate Competition IV **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This course is designed for the student who has competed in intercollegiate forensics tournaments, and wants to focus on one or more specific areas of emphasis as a member of the Grossmont Speech and Debate Team. Team leadership skills, debate theory, research analyzing political and social issues, directing and writing of readers theatre, and coaching skills, may be selected as possible focus areas. Competition at three or more tournaments or public speaking activities required. (CSU)

Common Course Numbering

COMM-C1000 Introduction to Public Speaking is part of Common Course Numbering. For more information, please visit the Grossmont-Cuyamaca Common Course Numbering Webpage.

Computer Science Information Systems (CSIS)

CSIS-070
Drone Flight School **0 UNITS**
Prerequisite: Students must be at least 18 years or older and must meet eligibility requirements under FAA 107 guidelines.
7.0 hours laboratory
The Drone Flight School course prepares students for the FAA 107 Drone Pilots license examination. Course consists of FAA rules and regulations, safety protocols, drone flight controllers, and drone flight theory. Upon obtaining license, students will receive hands-on flight training where student applies flight theory to hands-on practical flight training and basic aerial photography and cinematography. The course will also provide an introductory training to various other drone industry areas.

CSIS-071
Drone Cinematography **0 UNITS**
Prerequisite: Must have FAA 107 Drone Pilots License.
5.0 hours laboratory
The Drone Cinematography course provides 80 hours of instruction and hands-on flight training. This course covers both basic and advanced cinematography techniques with an emphasis on developing "lifestyle" shots and a creative mindset. The theory and operations of both standard and advanced/precision camera shots is combined with operational scenarios in order to provide students with the ability to match specific and advanced flight profiles for the shots needed.

CSIS-072
Drone Surveying & Mapping **0 UNITS**
Prerequisite: Must have FAA 107 Drone Pilots License.
5.0 hours laboratory
This course presents the theory and operations of common sensors used by the operators of unmanned aircraft systems in different industrial applications. Theory is combined with operational scenarios, and flying actual missions. Ample flight time is provided in order to fully train the student with the ability to match specific sensors with anticipated missions. Operator will be versed in all operations as listed, and will be industry ready upon completion. This course teaches pilots how to do precision mapping missions and data collection for industry.

CSIS-090
Artifical Intelligence Jumpstart **0 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in STAT C1000 and CSIS 119 or equivalent.
1.0 hours lecture, 2.0 hours laboratory
This course introduces the students to fundamental concepts of Artificial Intelligence (AI), designed for individuals with no prior technical knowledge, it provides a high-level understanding of how AI is shaping the present and future. Its applications, and ethical considerations without delving into coding or complex algorithms exploring its real-world applications, impact on various industries, and ethical considerations. This course is offered on a pass/no pass basis only. This is a no fee/no credit course.

CSIS-091
AI- Workplace Ethical Issues **0 UNITS**
2.0 hours lecture
Students in this course will consider the day-to-day moral dilemmas as they design, maintain, and deploy Artificial Intelligence (AI) technologies. This course is focused on understanding the types of ethical problems as they have arisen in the AI field and understanding their causes. This course also examines overarching potential harms in AI usage. Students will examine case studies, current debates, and emerging trends with the goals of constructing strategies for how to navigate the complex ethical landscape of AI. This course is offered on a pass/no pass basis only. This is a no fee/no credit course.

CSIS-092
Better Prompt Design **0 UNITS**
1.0 hours lecture, 2.0 hours laboratory
Artificial Intelligence (AI) Prompt Design focuses on the principles and practices of designing effective prompts for AI systems, particularly in the context of natural language processing and generation. The course explores the role of prompts in guiding AI behavior, techniques for optimizing prompt structure, and the impact of prompt design on AI outputs. Students will gain hands-on experience in creating, testing, and refining prompts to achieve desired AI outcomes. This course is offered on a pass/no pass basis only. This is a no fee/no credit course.

CSIS-093
What Is Generative Artificial Intell... **0 UNITS**
1.0 hours lecture, 2.0 hours laboratory
This course introduces the students to fundamental concepts of Generative Artificial Intelligence (GenAI), designed for individuals with no prior technical knowledge, it provides a high-level understanding of how GenAI is shaping the present and future. Its applications, and ethical considerations without delving into coding or complex algorithms exploring its real-world applications, impact on various industries, and ethical considerations. This course is offered on a pass/no pass basis only. This is a no fee/no credit course.

CSIS-094
Get Started W/Large Language Models **0 UNITS**
1.0 hours lecture, 2.0 hours laboratory
This course provides an in-depth exploration of a growing sector of Artificial Intelligence, large language models (LLMs), their architecture, training, and applications. Students will gain hands-on experience with LLMs, understanding their capabilities and limitations. This course is offered on a pass/no pass basis only. This is a no fee/no credit course.

CSIS-095
Utilizing AI in Cloud Computing **0 UNITS**
1.0 hours lecture, 2.0 hours laboratory
Applying Artificial Intelligence (AI) in Cloud Computing explores the integration of artificial intelligence technologies with cloud computing platforms to develop scalable, efficient, and intelligent applications. The course covers key cloud services, AI tools, and frameworks, focusing on deploying, managing, and optimizing AI models in the cloud. Students will gain hands on experience in using cloud-based AI services to solve real-world problems. This course is offered on a pass/no pass basis only. This is a no fee/no credit course.

CSIS-105
Introduction to Computing **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This is an introductory small computing course for those desiring beginning computer knowledge and skills. It includes an overview of a typical personal computer system including input and output devices, the processor, and storage devices. Also included is hands-on experience with a computer and popular application software, including Microsoft Word, Excel, Access and PowerPoint. Emphasis will be placed on those skills and knowledge needed to use and maintain a home or small business computer. (CSU)

CSIS-110
Principles of Information Systems **4 UNITS**
3.0 hours lecture, 3.0 hours laboratory
An introductory course in Information Technology with an emphasis on business and business-related applications. Concepts include computer organization, data processing systems, decision support systems, systems analysis and design, as well as ethics, security, e-commerce, global information systems and application software. The laboratory component consists of hands-on problem solving using software applications including spreadsheets and databases. (C-ID BUS 140 and ITIS 120) (CSU/UC)

CSIS-111
Beginning Web Page Design **1.5 UNITS**
1.0 hours lecture, 1.5 hours laboratory
A beginning web site creation course emphasizing creation and implementation using current web authoring software. This course is intended for the beginner at web page creation. This class provides hands-on instruction in the use of one or more state-of-the-art software website builder tools for creating simple business or personal web sites. This class will cover the essential skills involved in developing, modifying and publishing web sites utilizing modern technology. (CSU)

CSIS-112
Windows Operating System **3 UNITS**
3.0 hours lecture
This course introduces the Microsoft Windows family of operating systems concentrating primarily on the most current version. Coverage begins with the desktop graphical user interface and ends with the configuration and maintenance of Windows as might be required of a home or small business user. Topics will include hardware and software installation maintenance, networking, mobile computing, security and file sharing, administrative tools, scripting and batch files, and maintenance and performance tuning. The course will also cover file systems, storage devices, communication devices, command line options, registry repairs, disaster recovery, and troubleshooting. (CSU)

CSIS-113
Introduction to Linux **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 110 and 112 or equivalent.
3.0 hours lecture
This course provides a solid framework into the concepts, installation, and configuration of server Operating System (OS). Topics include understanding of the desktop environments used in the server environment. It describes ways of exploring and understanding of the OS. It demonstrates the system administration tasks and how they are used to provide support for multiple users. It describes issues related to security and shows how to automate tasks through shell scripting. (CSU)

CSIS-115
Introduction to Artificial Intelligence And Machine Learning **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in STAT C1000 and CSIS 119.
2.0 hours lecture, 3.0 hours laboratory
This course offers a comprehensive overview of Artificial Intelligence (AI) and Machine Learning (ML), covering fundamental topics. Students will begin with an introduction to AI, followed by an exploration of key concepts such as statistics, uncertainty, and Bayesian networks. The course delves into machine learning, logic, and planning, and progresses to advanced areas including Markov Decision Processes, reinforcement learning, and adversarial planning. Students will also study image processing, computer vision, natural language processing, information retrieval, and deep learning. The course concludes with a well-rounded understanding of AI's diverse applications.

CSIS-119
Introduction to Computer Programming **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 110 and 112 or equivalent.
3.0 hours lecture
An introductory course in computer programming as a foundation for more advanced programming, computer science, computer networking, or software engineering courses. Emphasis is on the development of problem solving skills as it introduces students to computer programming principles and best practices using modular and Object Oriented programming concepts. Attention is given to development of effective software engineering practices emphasizing such principles as analysis and design decomposition, encapsulation, procedural abstraction, testing and software reuse. Students learn and apply standard programming constructs, problem-solving strategies, the concept of an algorithm, fundamental data structures, and the machine representation of data. (CSU/UC)

CSIS-120
Computer Maintenance and A+ Certification **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
Preparation for the A+ Certification exam, an industry-sponsored test that establishes a benchmark level of knowledge and competence expected of computer service technicians in entry-level positions. A+ Certification also serves as the foundation for computer service professionals who are pursuing other valuable industry certifications such as the Cisco Certified Networking Associate (CCNA), Network+, and Microsoft Certified Professional (MCP). Students will gain a comprehensive knowledge base in computer hardware, DOS and Windows operating system, networking basics, printers, and customer service. Hands-on labs using the latest computer components and operating systems provide an opportunity for students to enhance their skills in assembing, disassembling, servicing, troubleshooting, and upgrading advanced computer and networking systems. (CSU)

CSIS-121
Introduction to Cybersecurity **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
Practical introductory course intended for those interested in learning about cybersecurity. Lectures, laboratories, and practical assignments will emphasize skills to work effectively in the area of cybersecurity. Some topics include: Internet security basics, hackers, spyware, phishing, spam, zombies, Trojan horses, worms, viruses, wi-fi security, denial-of-service, web-blocking, firewalls, proxy servers, operating system security, browser and web security, and cryptography. Includes installation and configuration of security tools and utilities. (CSU)

CSIS-122
Cloud + Certification **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 110 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
Introduce students to the foundational concepts of cloud computing infrastructure and services. The emphasis will be on managing and optimizing cloud operations, including automation, scaling, backup and recovery strategies, and lifecycle management of cloud resources. Additional topics will include security measures, vulnerability management, compliance adherence, and the deployment of security controls to safeguard cloud environments. Covers materials included in the CompTIA (Computing Technology Industry Association) Cloud + exam.

CSIS-125
Network + Certification **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 110 or CSIS 120 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Practical course intended for those interested in learning computer networking with an emphasis on earning the Computing Technology Industry Association's (CompTIA) Network+ certification, a foundation-level, vendor-nuetral international industry credential that validates the knowledge of networking professionals. Earning this certification demonstrates that a candidate can describe the features and functions of networking components, and possesses the knowledge and skills needed to install, configure and troubleshoot basic networking hardware, protocols and services. It also indicates technical ability in the areas of media and topologies, protocols and standards, network implementation, and network support. Throughout the course, theory will be demonstrated and practiced in laboratory exercises. Lectures, laboratories, and practical assignments will emphasize skills needed to work effectively in the networking environment and to earn the Network+ certification. (CSU)

CSIS-130
Windows Server: Installing and Configuring **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 112 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Comprehensive hands-on system administration course focusing on the installation, initial implementation, and configuration of Windows server software core services, including: Active Directory (AD) Domain Services, local storage, file and print services, group policy and server virtualization technologies.

CSIS-132
Introduction to Web Development **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 105 or 110 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course surveys and introduces web design and development fundamentals, involving key technologies and skills used in website construction alongside hands-on coding experience. Best practices in coding and debugging HTML and CSS will be emphasized along with the use of modern CMS systems such as WordPress. Other topics will include web terminology, technology and careers, website development platform options, code editors, and web graphics. (CSU)

CSIS-133
Intermediate Web Development **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 132 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course builds on the skills introduced in Introduction to Web Development with hands-on projects that reinforce and further develop HTML5 and CSS3 expertise. Mobile development is addressed in detail. Also covered are content management systems (CMS), Search Engine Optimization (SEO), and usability issues. (CSU)

CSIS-135
JavaScript Programming **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 133 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
An introductory course in JavaScript programming focusing on creating dynamic web pages. The course will include embedding JavaScript in HTML, event-handling, writing, and calling JavaScript functions, as well as exploring jQuery and its relationship to JavaScript. (CSU)

CSIS-145
Introduction to TCP/IP **2 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 125 or equivalent.
2.0 hours lecture
This course introduces the student to the operation of the Transmission Control Protocol/Internet Protocol (TCP/IP) standard and related protocols. The course will cover the underlying components and protocols that make up the Internet. Tools used to navigate and access information on the Internet will be studied. (CSU)

CSIS-147
Social Media and Internet Marketing **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in BUS 146 and CSIS 132 or equivalent.
3.0 hours lecture
This course will provide students with skills to achieve online marketing success in social media and integrate their Web presence with offline traditional marketing methods. The course will provide students with a basic working knowledge of methods used to help drive traffic to a web site, attract visitors and turn them into customers. Students will develop search engine optimization skills as well as explore search engine marketing, social media marketing, affiliate marketing, directory submission, and email marketing. Students will learn how to compete in new internet marketing channels, employ market research, acquire traffic, and track visitor trends. (CSU)

CSIS-151
Introduction to Photoshop **3 UNITS**
3.0 hours lecture
This course provides the student with step-by-step instructions on how to create cutting-edge graphics and special effects with Photoshop. Using hands-on real world projects, the student will learn the optimal use of layers, layer effects, photo retouching, color adjustments, working with masks and layers, and composites. The student will learn how to create images of different formats for different applications and how to create files for the array of digital devices available today. This is not an artistic design course, but emphasizes tools used by the Photoshop software application. (CSU/UC)

CSIS-160
Introduction to Video Game Development **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 110 or 105 or equivalent.
3.0 hours lecture
This course provides an introduction to the theory and practice of video game design and development. Students will survey the historical, technological, business, social and psychological aspects of the video gaming industry; analyze popular PC, handheld, and console games; understand the roles of the development team members; and design and create their own game using an existing game engine. (CSU)

CSIS-161
Intermediate Video Game Development **3 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in CSIS 160 or equivalent.
3.0 hours lecture
This course will provide students with the theory and practice of computer game design and development. Students will build on their knowledge of PC and console game theory, designing and creating their own games. This course will emphasize game story development and game character development as it pertains to designing a viable video game project. Sprite animation, input controls and sound programming will be covered. Students will be introduced to 3D animation software. This course is intended for non-computer programmers. (CSU)

CSIS-165
Assembly Language and Machine Architecture **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 293 or CSIS 296 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This is an introductory course in assembly language programming and machine architecture for small computers. Topics covered include number theory, registers, memory, CPU, linkers, debuggers, basic language syntax and high-level language/operating system interface. This course is intended for persons with a prior background in any other programming language and will emphasize those applications not easily performed using higher-level languages. (C-ID COMP 142) (CSU/UC)

CSIS-180
Fundamentals of Database Design **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 110 or equivalent.
3.0 hours lecture
This course introduces the student to fundamental design strategies of relational data models for organizations. Concepts will include assessing organizational needs, logical design and application generating tools, normalization strategies, database architectures, data models, integrity rules, and query formulation skills. Students will formulate, design, implement, and manipulate databases using a commercial software package. (CSU)

CSIS-185
Computational Theory F/Artificial Intell **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 115 or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in MATH 175 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course covers the mathematical foundations of artificial intelligence, focusing on applied matrix theory using TensorFlow, optimization via gradient algorithms, and Bayesian methods for pattern recognition and decision-making. Students will learn to implement and optimize AI models, applying these techniques to real-world problems in AI.

CSIS-195
Video Editing on the PC **3 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in CSIS 105 or 110 or equivalent.
3.0 hours lecture, 1.0 hours laboratory
This course introduces the fundamentals of a non-linear video editing software application using a personal computer. This is a hands-on course in which students will gain practical experience in editing digital footage. Students will learn how to import, edit, and output high quality professional video with titles and effects. Editing techniques such as re-cutting scenes, mixing audio, adding labels and animation, editing the timing and flow of the video and more will be covered. (CSU)

CSIS-213
Linux System Administration **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 113 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Comprehensive hands-on application and instruction in multi-user, multi-tasking operating systems and networked operating systems. Topics include: operating system installation and configuration, storage configuration and management, server security configuration, user and group management, configuration and management of various server roles (such as: LDAP, DNS, DHCP, Print, Mail, Samba, Apache), troubleshooting, and disaster recovery. Course maps to the Linux Professional Institute (LPI) Certification Level 2 exam. (CSU)

CSIS-225
Natural Language Processing **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 115 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course introduces the fundamentals of Natural Language Processing (NLP), focusing on techniques that enable computers to process and generate human language. Key topics include text preprocessing, syntactic and semantic parsing, sentiment analysis, and machine translation. Students will gain hands-on experience with NLP models, including deep learning and transformer-based architectures, using popular libraries and frameworks

CSIS-235
Deep Learning **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 115 or equivalent.
Recommended Preparation: A "C" grade or higher or "Pass" in CSIS 250 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course explores deep learning, a subset of machine learning focused on neural networks with multiple layers. Students will learn about key architectures like convolutional neural networks (CNNs), recurrent neural networks (RNNs), and transformers. The course includes practical experience in building and training models for tasks such as image recognition and natural language processing, using frameworks like TensorFlow and PyTorch.

CSIS-240
Discrete Structures **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 293 or equivalent.
3.0 hours lecture
This course is an introduction to the discrete structures in computer science with an emphasis on their applications. Topics covered include: Functions, Relations and Sets; Basic Logic; Proof Techniques; Basics of Counting; Graphs and Trees; and Discrete Probability. (C-ID COMP 152) (CSU/UC) (CSU-B4)

CSIS-250
Introduction to Python Programming **4 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 119 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This is an introductory course in Python programming. Topics covered include basic language syntax, functions, control flow, looping, data types, strings, lists, dictionaries, exception handling, software tools and libraries, and functional vs object oriented programming concepts. This course is intended for persons with a prior background in any programming language. (CSU/UC)

CSIS-251
Intermediate Python Programming and Fundamental Data Structures **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 250 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course is the continuation of CSIS 250. Topics covered include: Multithreading, Recursion, Network Programming, Client/Server Programming, Searching, Sorting, Big-O Notation, Complexity Analysis, Collections, Arrays and Linked Structures, Interfaces, Implementations, Polymorphism, Inheritance and Abstract Classes, Stacks, Queues, Lists, Hash Tables, Trees, Sets, Dictionaries, and Graphs. Applications in Business Intelligence, Machine Learning, Cybersecurity, Autonomous Systems, Big Data, and Data Science. (CSU/UC)

CSIS-252
Cybersecurity and AI With Python **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 250 or equivalent.
4.0 hours lecture, 4.0 hours laboratory
Students will be introduced to important topics in data structures such as: Big-O Notation,Complexity Analysis, Linked Lists, Stacks, Queues, Trees, Sets, Dictionaries, and Graphs. Additionally, students will apply the data structures in the field of Cybersecurity, Data Science, and Artificial Intelligence. Using Python to interact with open source Large-Language Models (LLM) such as Ollama.

CSIS-255
Introduction to Programmable Logic Controllers **4 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 250 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
An introductory course in Programmable Logic Controller with an emphasis on industrial automation and related applications. Concepts include automation processing systems, input/output decision support systems; basic electronic circuits, ladder logic, basic analog circuit, Boolean logic, digital circuit; introduction to Raspberry Pi as the automation computer and Arduino as open source Programmable Automation Controller (PAC); typical examples of automation using Python to build Human Machine Interface HMI. The laboratory hands-on component consists of hands-on familiarization, diagnostics and solving automation setup and operational problems. (CSU/UC)

CSIS-256
Introduction to Generative Artificial Intelligence Models **3 UNITS**
Prerequisite: A "C" grade or higher or "Pass" in CSIS 115 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course introduces students to the fundamental concepts and techniques of generative AI models. Students will explore various generative AI models, understand their underlying principles, and learn how to apply them to real-world problems.

CSIS-263
Security + Certification **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 125 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Entry-level course in network security that addresses the various aspects of designing and implementing a secure network. Designed for students interested in understanding the field of network security and how it relates to other areas of Information Technology (IT). Covers materials included in the CompTIA (Computing Technology Industry Association) Security+ exam. (CSU)

CSIS-264
Ethical Cybersecurity Hacking **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 263 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course immerses IT professionals in hands-on intensive environments, providing in-depth knowledge and experience with current essential security systems. Provides understanding of perimeter defenses and leads to scanning and attacking networks; no real networks are harmed. Students learn how intruders escalate privileges and the steps to be taken to secure a system. Also covers Intrusion Detection, Policy Creation, Social Engineering, DDoS Attacks, Buffer Overflows, and Virtual Creation. Focus includes legal and regulatory requirements, ethical issues, basic methodology and technical tools used for ethical hacking and penetration tests. Students establish a pre-test agreement with the enterprise, discover and exploit vulnerabilities, participate as a member of a pen test team and prepare a penetration test report. (CSU)

CSIS-265
Computer Forensics Fundamentals **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 264 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course introduces the methods used to properly conduct a computer forensics investigation. Topics include ethics, computer forensics as a profession, the computer investigation process, operating systems boot processes and disk structures, data acquisition and analysis, technical writing, and a review of familiar computer forensics tools. (CSU)

CSIS-266
Introduction to Large Language Models **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 115 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course introduces students to an in-depth exploration of large language models (LLMs), their architecture, training, and applications. Students will gain hands-on experience with LLMs, understanding their capabilities and limitations.

CSIS-267
Cybersecuirty Analyst Certification **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 263 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
CySA+ course introduces students to the basic security principles covered in CSIS 263 and expands into the knowledge required for most security operations center (SOC) positions, including continuous monitoring, incident response, and remediation strategies for cyber threats that target systems and software. Covers materials included in the CompTIA (Computing Technology Industry Association) Cybersecurity Analyst+ exam.

CSIS-275
Artificial Intelligence Prompt Design **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 115 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
AI Prompt Design focuses on the principles and practices of designing effective prompts for AI systems, particularly in the context of natural language processing and generation. The course explores the role of prompts in guiding AI behavior, techniques for optimizing prompt structure, and the impact of prompt design on AI outputs. Students will gain hands-on experience in creating, testing, and refining prompts to achieve desired AI outcomes.

CSIS-276
Introduction to SQL **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 110 or equivalent.
3.0 hours lecture
This is an introductory course in Structured Query Language (SQL) programming intended for persons with basic computer literacy skills. The course is designed to teach students the fundamentals of good relational database design and how to use and maintain a database using the industry-standard data query and manipulation language SQL. Students will use SQL to create tables, keys and indexes, handle security in the database; and perform simple and complex queries. (CSU)

CSIS-285
Computer Vision **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 115 or equivalent.
Recommended Preparation: A "C" grade or higher or "Pass" in CSIS 250 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
Computer Vision introduces the foundational concepts and techniques used to enable machines to interpret and understand visual information from the world. The course covers key topics such as image processing, feature extraction, object recognition, and deep learning models for vision tasks. Students will engage in practical exercises to develop and apply computer vision algorithms to real-world problems.

CSIS-290
Introduction to C# Programming **4 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 119 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course is designed to provide students with an introduction to C# programming in the Visual Studio integrated development environment. Emphasis will be on learning the fundamentals including sequence, decision and repetition. The course will also focus on object-oriented design, testing and debugging on a Windows .NET platform. (CSU/UC)

CSIS-291
Intermediate C# Programming **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 290 or equivalent.
Recommended Preparation: A "C" grade or higher or "Pass" in CSIS 132 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course is designed to provide students with intermediate problem-solving and computer design, primarily in a web-based environment using Microsoft C# and ASPX. (CSU/UC)

CSIS-292
Applied Artificial Intelligence in Cloud Computing **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 115 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Applying Artificial Intelligence (AI) in Cloud Computing explores the integration of artificial intelligence technologies with cloud computing platforms to develop scalable, efficient, and intelligent applications. The course covers key cloud services, AI tools, and frameworks, focusing on deploying, managing, and optimizing AI models in the cloud. Students will gain hands-on experience in using cloud-based AI services to solve real-world problems.

CSIS-293
Introduction to Java Programming **4 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 110 and 119 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
An introductory course in Java programming focusing on object-oriented methodology. The course will include developing fundamental programming constructs, using objects from the standard Java Class Library, writing and using new objects, developing inheritance hierarchies of classes, using polymorphism to build extendible systems, and performing the subsequent testing and debugging of these programs. (C-ID COMP 112 and COMP 122) (CSU/UC)

CSIS-294
Intermediate Java Programming and Fundamental Data Structures **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 293 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course is the continuation of CSIS 293. Students will concentrate more on the Java techniques available for the development of large, complex systems. Students will utilize the concepts of Abstract Data Type to analyze real world requirements and design class structures to meet those requirements. In particular, students will apply these skills to the understanding and use of Data Structures. The course will progress from arrays, to linear lists, to stacks, queues, deques, and trees. Big-Oh notation will be introduced and used for the analysis and comparison of algorithms to perform sorting and searching of the structures. Students will become familiar with design techniques and tools (such as UML) necessary to develop larger programs. Instruction will also focus on object oriented programming and its principles of polymorphism, encapsulation, inheritance, collection classes and iteration protocals. Recursion and recursive data searching techniques will also be utilized in the creation of efficient, optimized algorithms. (C-ID COMP 132) (CSU/UC)

CSIS-295
Android Application Development with Java **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 293 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course is intended to give the student basic and intermediate skills in the development of applications for any Android powered smart phone. Students will utilize the Java programming language and a modern Integrated Development Environment (IDE) to analyze and design real world applications. They will become skilled in use of the Android Application Programming Interfaces (API's) to develop applications that exhibit and/or utilize desirable attributes such as: 1) retrieving Internet data via REST web services; 2) use of Google Maps; 3) location awareness with the ability to utilize/the phone's GPS APIs; 4) complex Graphic User Interfaces (GUI) based on and using Android widgets; 5) development of and/or integration with telephony and networking applications; 6) sprite animation; 7) open GL graphics; 8) game development using existing game engines. (CSU)

CSIS-296
Introduction to C++ Programming **4 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in CSIS 119 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This is an introductory course in C++ programming. Topics covered include basic language syntax, functions, data types, pointers, strings, structures, software tools, and an introduction to classes. This course is intended for persons with a prior background in any programming language. (CSU/UC)

CSIS-297
Intermediate C++ Programming **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CSIS 296 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This second course in C++ programming explores some of the more advanced concepts of the language including object oriented programming, error handling, and data structures. (CSU/UC)

Counseling (COUN)

COUN-095
Academic and Financial Aid Planning **0.5 UNITS**
0.5 hours lecture
This course will familiarize students with: (a) financial aid resources available to them to meet educational expenses; (b) Grossmont College's Financial Aid Satisfactory Academic Progress Policy; (c) federal/state regulations for determining and maintaining eligibility for financial aid; (d) the student's rights and responsibilities in receiving aid. Students will learn about financial literacy, campus resources, and an overview of student success strategies. They will also develop a two semester educational plan to meet their objectives. This course is offered on a Pass/No Pass basis only. (Non-degree credit course)

COUN-104
Introduction to College Success Strategies **1 UNITS**
1.0 hours lecture
This course is designed to equip students with the skills they need to be successful in college. An overview of college expectations, student responsibilities, successful student behavior, and study skills will be presented. Students will be exposed to strategies for goal setting, educational planning, time management, textbook reading, note-taking, and test preparation. They will also be introduced to degree/transfer programs and campus resources.

COUN-110
Career Decision Making **1 UNITS**
1.0 hours lecture
Lecture, group discussion, experiential activities and career assessment tools will be utilized to assist students in identifying their individual interests, values, and personality styles. Students will conduct educational and career research that will help them relate their career assessment results to setting academic and career goals. Students will also learn essential skills for obtaining employment such as resume building and job interviewing techniques. (CSU)

COUN-120
College and Career Success **3 UNITS**
3.0 hours lecture
This course provides an overview of concepts and the significant factors contributing to or hindering college and career success, focusing on an understanding of equity. Theories and strategies for student success will be evaluated, including time management, studying and listening skills, motivation, communication, critical/creative thinking, health and wellness, financial literacy, diversity, equity, inclusion, and cultural awareness. Students will explore personality types, values, interests, talents, and strengths to increase self-understanding, which will support students in identifying an academic major and/or career pathway to develop aneducational plan. (CSU/UC) (CSU-E)

COUN-130
Study Skills and Time Management **1 UNITS**
1.0 hours lecture
This course is designed to prepare students to adjust to the academic community by learning to plan and study effectively within given time limitations. Strategies include: time management, textbook mastery, library research skills, note-taking, exam preparation, goal-setting, educational planning, and stress reduction. (CSU)

COUN-137
Maximize Your Learning **0.5 UNITS**
0.5 hours lecture
An interactive and cooperative learning approach designed to explore, discuss and implement proven strategies to enhance success in college. The course will review study skills and emphasize developing a student educational plan to achieve expected outcomes in college and beyond. This course is offered on a Pass/No Pass basis only. (CSU)

COUN-198

0 UNITS
Supervised Tutoring
2-24 hours laboratory

Course utilizing supportive information and educational tools to assist students with a variety of learning needs. This course could be used to strengthen foundational skills prior to in specific courses or to receive supportive assistance in enrolled courses. The course may be repeated. This is a no fee/no credit course.

Culinary Arts (CA)

CA-015
Home Cooking Essentials **0 UNITS**
1.0 hours lecture, 3.0 hours laboratory
A course for the home cooking enthusiast who wants to learn and apply scratch cooking to various breakfast/brunch items, appetizers, entrées and desserts. Includes proper sanitation, knife skills, seasonal meal planning, cultural food diversity and costing. This course is offered on a Pass/No Pass basis only. This is a no fee/no credit course.

CA-160
Banquet Service Production **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CA 171 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Principles and application of banquet food preparation and production for on-campus dining facility. This restaurant service class emphasizes planning, practicing and serving guests a weekly 4-course meal. Cooking skills acquired in previous culinary classes will be practiced and applied as well as sanitation and time utilization. Setting up a dining room and guest services will be examined and applied. (CSU)

CA-163
Food Purchasing for Culinary Arts **1 UNITS**
1.0 hours lecture
This course covers food purchasing policies, laws, and methods used currently in the food service industries. Focus will be on evaluating food quality requirements, selecting vendors, pricing decisions and purchasing ethics. (CSU)

CA-164
International Cooking **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in Culinary Arts 165, 169 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
A course exploring various international and ethnic food patterns and food preparation techniques. Economic, agricultural, religious, historical and nutritional aspects of foods from a variety of world cultures will be examined. Emphasis will be on preparation of popular dishes from different cultures that impact culinary arts today. (CSU/UC)

CA-165
Sanitation for Food Service **1 UNITS**
1.0 hours lecture
A basic course in food service sanitation leading to a National Restaurant Association Food Handlers' certificate. Instruction covers microbiology of food borne illnesses, prevention techniques, personal sanitation practices, housekeeping and waste disposal. Food safety and storage information includes receiving and storage techniques, sanitary food production, sanitation of kitchen, dining rooms, legal regulations and safety considerations as well as training techniques. (CSU)

CA-166
Menu Management **1 UNITS**
1.0 hours lecture
Introduction and application of principles of basic menu management for the food service industry. Emphasis will be on nutrition and menu planning, styles, pricing, recipe costing, pricing and marketing. Basic math skills will be used to analyze cost, and prepare recipes, conversions and formulas that will provide necessary skills for other culinary arts courses. (CSU)

CA-167
Wines of the World **3 UNITS**
3.0 hours lecture
An introduction to the various kinds and types of wines produced in the world. The course content includes the history of wine, classification of wine, production practices, and food and wine relationships. This class is open to all students 21 years or older who desire a background in enology, especially culinary arts students. (CSU)

CA-169
Essential Skills for Culinary Arts **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
Introduction and application of the principles of essential culinary arts skills. Emphasis will be on sanitation practices, knife skills, product identification, basic cooking techniques, tasting and seasoning, proper equipment use and good time management. These essential skills will be used to prepare recipes and formulas that will provide necessary cooking skills for other culinary arts courses. (CSU)

CA-170
Food Service Management **3 UNITS**
3.0 hours lecture
This course is designed to prepare students to enter the professional field of food management through self-employment and off-premise events. Students will be introduced to the catering and personal chef industry including menu development, kitchen organization, cost accounting, service, rentals, staffing, contracts, legal requirements, advertising, promotion and client retention. (CSU)

CA-171
Intermediate Culinary Skills **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in Culinary Arts 165 and 169 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course will build on previous knowledge gained in Essential Skills for Culinary Arts and increase proficiency in classical and contemporary cooking techniques and plating presentations. Emphasis will be meat and fish fabrication, fundamentals of breakfast, brunch and lunch items, garde manger, grilling and line cooking. (CSU)

CA-172
Principles of Soup, Stock and Sauce Preparation **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in Culinary Arts 165 and 169 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course explores the fundamentals of making meat, fish and vegetable stocks as the building blocks for traditional and specialty soups. Classic French sauces will be covered as well as contemporary salsas, nages, flavored oils, foams and compound butters. (CSU)

CA-173
Principles of Buffet and Catering **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in Culinary Arts 165 and 169 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course will include methods and procedures needed for traditional and family style banquets, buffets, tray passed platters, action and raw bar stations. Modern techniques in molecular gastronomy and mocktails will also be introduced. Students will practice traditional and modern themes of banquet services along with a variety of station and table presentations. Logistics such as budgeting, equipment, staff and functional space for off-site buffets and catering will be explored. (CSU)

CA-174
Principles of Baking and Pastry Making **3 UNITS**
Corequisite: A "C" grade or higher or "Pass" or concurrent enrollment in CA 165.
2.0 hours lecture, 3.0 hours laboratory
This course introduces fundamental baking and pastry techniques used as the building blocks for a variety of pastries and desserts. Emphasis is placed on sanitation, professionalism, organization, kitchen equipment, ingredients, recipe analysis and technique, consistency of product, and teamwork. (CSU)

CA-175
Healthy Lifestyle Cuisine **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in Culinary Arts 165 and 169 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course builds on skills and techniques learned and practiced in previous culinary arts classes. Emphasis is on understanding nutritional concepts, creating healthy eating patterns, developing healthy recipes and exploring alternative ingredients. Preparations for healthy lifestyles include soups, salads and appetizers to main courses for breakfast, brunch, lunch and dinner. Healthy alternative desserts will also be explored. (CSU)

CA-176
Advanced Baking and Pastry Arts **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in Culinary Arts 165 and 174 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course will build on previous building blocks learned in Principles of Baking and Pastry Making and increase technical proficiency. Students will explore and demonstrate a broad spectrum of classical and modern applications for seasonal plated desserts, petit fours and yeast breads. Emphasis will be placed on planning and executing dessert menus utilizing organizational and time management skills for weekly campus restaurant service. Flavor/texture pairings and theory will be covered in this course. (CSU)

CA-177
Commercial Baking **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CA 165 and 174 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Students will design and execute a broad spectrum of petit fours, breads and plated desserts for weekly on-campus banquet service. Emphasis will be placed on classical and modern techniques, organization, time management and production standards. Constructing a seasonal commercial dessert menu will be introduced and analyzed. (CSU)

CA-178
Garde Manger **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CA 165 and 169 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course is designed to prepare students in cold food preparations such as salads, dressings, hors d'oeuvres, appetizers, canapés, pâtés, terrines, cold mousses and marinades. Students will be introduced to fruit and vegetable carving as well as a variety of other functional garnishes ideas for composed dishes and platters. (CSU)

CA-180
Advanced Food Preparation for Fine Dining **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CA 171 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Training in advanced principles of food preparation and service for on-campus restaurant. Special instruction and practice for both classical and contemporary food preparation as related to fine dining establishments including hotels and restaurants. (CSU)

CA-183
Pastry Skills in Bread Baking **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CA 165 and 174 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
The course will build on previous knowledge and increase proficiency in baking techniques for the production of artisan breads. Students will explore and demonstrate a broad spectrum of baking styles producing Middle Eastern, European and American style breads. Introduction to various grains, pre-ferments, mixing, shaping, and baking techniques will be explored. Other specialty bread related items such as quick breads, crackers and spreads will be incorporated within the course. (CSU)

CA-184
Pastry Skills in Chocolate Preparation **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in Culinary Arts 165 and 174 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course focuses on understanding the process of making chocolate from bean-to-bar and how to apply techniques for making garnishes, centerpieces and various chocolate-based confections. Emphasis is placed on chocolate tasting, tempering and constructing ganache filled candies. Decorating skills will be covered using coloring, transfer sheets and airbrushing cocoa butter. Theory of flavor pairings and infusion techniques will be covered. (CSU)

CA-185
Sugar Work, Petit Fours, and Specialty Pastries **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CA 165 and CA 174 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course will build on previous techniques gained in Introduction to Baking and Pastry with emphasis on petit fours, sugar decorations, classical and contemporary pastries, laminated doughs, specialty tarts, entremets, and introduction to plated desserts. (CSU)

CA-186
Pastry Skills in Cake Decorating **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CA 165 and 174 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course reviews creaming, foaming, and blending techniques with an emphasis on preparing simple to complex unfilled cakes, filled cakes and tortes. Topics to be covered include comparison of classical European and modern preparations, glazed, iced, molded and cream filled cakes; tortes; and Entremets. Students will gain an understanding of a variety of cake formulas, ingredients, equipment, and production. (CSU)

CA-187
Advanced Cake Decorating **3 UNITS**
Prerequisite: A "C" grade or higher or "Pass" in CA 186 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course emphasizes techniques for designing and constructing custom cakes. Students will explore and demonstrate a broad spectrum of modern technical applications for celebration cakes. Various formulas, fillings and buttercreams will be demonstrated and applied. Enrobing with fondant will be practiced as well as decorating and piping techniques. Wedding cake principles and theory will be explored.

CA-280
Culinary Career Preparation **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CA 171 or equivalent.
1.0 hours lecture
This course covers professional resume writing, building an online portfolio and developing interview skills for food service employment. Various exciting career opportunities in the food industry will be explored as well as resources for job applications. (CSU)

CA-281
Work Experience in Culinary Arts **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CA 165 and 169 and 171 or equivalent.
On-the-job work experience in Culinary Arts. Externship at a professional food service operation to demonstrate and increase knowledge of food preparation skills. (CSU) 108 hours paid or unpaid work experience per semester.

CA-282
Advanced Work Experience in Culinary Arts **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in CA 165 and 169 and 171 or equivalent.
Second on-the-job work experience in Culinary Arts. Externship at a professional food service operation to demonstrate advanced knowledge of food preparation skills. (CSU) 108 hours paid or unpaid work experience per semester.

Dance (DANC)

Unless specifically required by a transfer institution for preparation for a Dance major, students are limited to four (4) enrollments in any combination of courses related in content (families). Students intending to major in Dance at a California State University or University of California campus that requires more than the limit should see a counselor. See “Limitations on Enrollment” for specific groups of families in dance.

DANC-068
Introduction to Dance **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
This course provides the student with a practical introduction to the technique, theory, and vocabulary of various dance genres. Students will learn and practice the fundamentals of ballet, jazz, modern, tap, and/or musical theater dance. Designed as an overview of dance, this course addresses dance genres from a historical perspective. Attention is also paid to theoretical and stylistic differences between as well as commonalties shared by various dance genres. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Requirements include attendance at one live dance concert produced by the dance department and participation in one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-071A
Studio Workshop in Tap Dance I **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
A beginning level technique course focusing on rudimentary rhythm tap technique. This class is designed for the beginning dancer or the dancer with previous training who needs to work on specific skills before moving on to a higher level of tap dance. The class will include a basic center floor warm-up, as well as a beginning level loco-motor progressions, dance combinations, and improvisation. Dance videos will be shown periodically to illustrate the history, development, and pioneers of rhythm tap dance.Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-071B
Studio Workshop in Tap Dance II **1 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in Dance 071A or Dance 081A or equivalent.
1.0 hours lecture, 1.0 hours laboratory
An intermediate level technique course focusing on rhythm tap technique. This class is designed for the dancer with previous training who needs to work on specific skills before moving on to a high level of tap dance. The class will include a center floor warm-up, as well as increasingly more complex loco-motor progressions, dance combinations, and improvisation. Dance videos will be shown periodically to illustrate the history, development, and pioneers of rhythm tap dance. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-072A
Studio Workshop in Modern Dance I **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
A beginning level technique course focusing on rudimentary modern dance technique. This class is designed for the beginning dancer or the dancer with previous training who needs to work on specific skills before moving on to a higher level of modern dance. The class will include a center floor warm-up, movement progressions, and center floor patterns/combinations composed of qualities and movements introduced in the class. Dance videos will be shown periodically to illustrate a variety of movement styles and performance philosophies. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-072B
Studio Workshop in Modern Dance II **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 072A or DANC 080A or equivalent.
1.0 hours lecture, 1.0 hours laboratory
An intermediate level technique course which builds on the theories and skills introduced in Dance 080A and 072A. This class is designed for the dancer with previous beginning to low intermediate training who needs to work on specific skills before moving on to a higher level of modern dance. The class will include a center floor warm-up, movement progressions, and center floor patterns/combinations composed of qualities and movements introduced in the class. Dance videos will be shown periodically to illustrate a variety of movement styles and performance philosophies. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-074A
Studio Workshop in Jazz Dance I **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
A beginning level technique course which focuses on developing and/or reinforcing skills specific to jazz dance. This class is designed for the beginning dancer or the dancer with previous training who needs to work on specific skills before moving on to a higher level of jazz dance. The class will include a stylized warm-up, basic loco-motor patterns, and center floor combinations. Dance videos will be shown periodically to illustrate a variety of movement styles and performance philosophies. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Attendance is required at one live dance concert produced by the dance department, and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-074B
Studio Workshop in Jazz Dance II **1 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in Dance 074A or Dance 084A or equivalent.
1.0 hours lecture, 1.0 hours laboratory
An intermediate level technique course focusing on jazz dance technique. This class is designed for the dancer with previous training who needs to work on specific skills before moving on to a higher level of jazz dance. The class will include a center floor warm-up, intermediate level loco-motor progressions, which will increase in complexity and difficulty, and dance combinations emphasizing intermediate level skills. Dance videos will be shown periodically to illustrate the history, development, and pioneers of American jazz dance. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-078A
Studio Workshop in Ballet I **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
A beginning technique course using a broad spectrum of ballet vocabulary. The class will begin with a warm-up to include center floor stretches, barre work, and alignment exercises. Locomotor patterns will include leaps, jumps, turns, and a variety of other ballet progressions. The class will culminate with center floor patterns composed of qualities and movements introduced during the barre work. Dance films/DVD's will be shown periodically to illustrate a variety of movement styles and performance philosophies. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Attendance is required at one live dance concert produced by the dance department and participation in one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-078B
Studio Workshop in Ballet II **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 078A or DANC 088A or equivalent.
1.0 hours lecture, 1.0 hours laboratory
An intermediate level technique course using a broad spectrum of ballet vocabulary. The class will begin with a warm-up to include center floor stretches, barre work, and alignment exercises. Loco-motor patterns to include leaps, jumps, turns, and a variety of other ballet progressions. The class will culminate with center floor patterns composed of qualities and movements introduced during the barre work. Dance videos will be shown periodically to illustrate a variety of movement styles and performance philosophies. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Attendance is required at one live dance concert produced by the dance department and participation in one department-sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-080A
Modern I **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
A beginning level technique class that focuses on basic skills related to modern dance and presents dance as a form of artistic expression. This course covers the history, theories and basic vocabulary of modern dance. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-080B
Modern II **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 080A or equivalent.
1.0 hours lecture, 2.0 hours laboratory
A beginning/intermediate level technique class that builds on the theories and principles introduced in Dance 080A, focuses on developing intermediate level skills related to modern dance, and presents dance as a form of artistic expression. This course covers the history, theories and vocabulary of modern dance. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-080C
Modern III **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 080B or equivalent.
1.0 hours lecture, 2.0 hours laboratory
An intermediate/advanced level technique class that builds on the theories and principles introduced in Dance 080B, focuses on developing intermediate/advanced level skills related to modern dance, and presents dance as a form of artistic expression. This course covers the history, and intermediate/advanced theories, and vocabulary of modern dance. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-080D
Modern IV **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 080C or equivalent.
1.0 hours lecture, 2.0 hours laboratory
An advanced level technique class that builds on the theories and principles introduced in Dance 080C, focuses on developing advanced level skills related to modern dance, and presents dance as a form of artistic expression. This course covers the history, and advanced theories and vocabulary of modern dance. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class.(CSU/UC) (AA/AS-7B)

DANC-081A
Tap I **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
A beginning technique class, which focuses on basic skills related to tap dance. Dance sequences emphasize rhythm tap technique. This course also covers the history, theories and basic vocabulary of tap dance. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-081B
Tap II **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 081A or equivalent.
1.0 hours lecture, 2.0 hours laboratory
A tap dance technique class, which builds on the theories and principles introduced in Dance 081A and focuses on developing advanced-beginning level skills related to tap dance. Students will increase their mastery of articulation, and dynamics in traditional and contemporary styles of tap dance, as well as improvisation. Students will also learn the fundamental principles of physical fitness and their impact on lifelong health and wellness. Students will be required to attend one live dance concert produced by the dance department, and one department master class. (CSU/UC) (AA/AS-7B)

DANC-081C
Tap III **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 081B.
1.0 hours lecture, 2.0 hours laboratory
A tap dance technique class, which builds on the theories and principles introduced in Dance 081B and focuses on developing intermediate level tap dance skills. Dance sequences emphasize several tap dance styles such as historic tap routines, Broadway tap, contemporary rhythm tap technique, and improvisation. This course also covers the history, theories and vocabulary of tap dance. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-E)

DANC-081D
Tap IV **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 081C.
1.0 hours lecture, 2.0 hours laboratory
A tap dance technique course, which builds on the theories and principles introduced in Dance 081C and focuses on developing high intermediate to advanced level skills related to tap dance. Dance sequences emphasize several tap dance styles such as historic tap routines, Broadway tap, contemporary rhythm tap technique, and improvisation. The course also covers the history, theories and vocabulary of tap dance. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students are required to attend one live dance concert produced by the dance department and one department master class. (CSU/UC) (AA/AS-7B)

DANC-082A
Social and Ballroom Dance I **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
An introductory course which focuses on the fundamentals of partner dance and basic steps in a variety of ballroom dance genres. Emphasis is placed on partnering technique, frame, style, and variations for selected genres. This course is designed for dance and theatre majors as well as students who wish to explore historical dance. Students will be required to attend one live dance concert produced by the dance department, and one department sponsored master class.(CSU/UC) (AA/AS-7B)

DANC-082B
Social and Ballroom Dance II **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 082A or equivalent.
1.0 hours lecture, 2.0 hours laboratory
A beginning/intermediate level class, which builds on the theories and principles introduce in Dance 082A and focuses on developing intermediate level skills related to ballroom dance. Discussions will also focus on the history, theories, and vocabulary of social and ballroom dance. Emphasis is placed on partnering technique, frame, style, and variations which increase in complexity for selected genres. This course is designed for dance and theatre majors as well as students who wish to explore historical dance. Students will be required to attend one live dance concert produced by the dance department, one department sponsored master class, and one ballroom related event.(CSU/UC) (AA/AS-7B)

DANC-083A
Latin American Dance I **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
Latin American Dance I is a beginning level survey course in a variety of established and emerging partnered dances of Latin American origin with an emphasis on Salsa dance. This course also addresses introductory techniques, styles, rhythms, leading or following skills, movement patterns and history of other selected dances of Latin American origin. This course is designed for students who wish to explore dances from Latin cultures and partnered dance. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department, and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-083B
Latin American Dance II **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 083A or equivalent.
1.0 hours lecture, 2.0 hours laboratory
Latin American Dance II is an intermediate level survey course in a variety of established and emerging partnered dances of Latin American origin with an emphasis on Salsa dance. This course also addresses techniques, styles, rhythms, leading and following skills, movement patterns and history of other selected dances of Latin American origin. This course is designed for students who wish to explore dances from Latin cultures and partnered dance. Students will also learn the principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department, and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-084A
Jazz I **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
A beginning level technique class that focuses on basic skills related to jazz dance. Discussions will cover the history, theories, and basic vocabulary of jazz dance. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-084B
Jazz II **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 084A or equivalent.
1.0 hours lecture, 2.0 hours laboratory
A beginning/intermediate level technique class that builds on the theories and principles introduced in Dance 084A and focuses on developing intermediate level skills related to jazz dance. Discussions will cover the history, theories, and vocabulary of jazz dance. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class.(CSU/UC) (AA/AS-7B)

DANC-084C
Jazz III **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 084B or equivalent.
1.0 hours lecture, 2.0 hours laboratory
An intermediate/advanced level technique class that builds on the theories and principles introduced in Dance 084B and focuses on developing intermediate/advanced level skills related to jazz dance. Discussions will cover the history and theories of jazz dance as well as intermediate/advanced level jazz dance vocabulary. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-084D
Jazz IV **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 084C or equivalent.
1.0 hours lecture, 2.0 hours laboratory
An advanced level technique class that builds on the theories and principles introduced in Dance 084C and focuses on developing advanced level skills related to jazz dance. Discussions will cover the history and theories of jazz dance as well as advanced level jazz dance vocabulary. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-088A
Ballet I **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
A beginning level technique class, that focuses on basic skills pertaining to ballet. This course covers the history, theories and basic vocabulary of ballet. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-088B
Ballet II **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 088A or equivalent.
1.0 hours lecture, 2.0 hours laboratory
A beginning/intermediate level technique course that builds on the theories and principles introduced in Dance 088A and focuses on developing intermediate skills related to ballet. This course covers the history, theories and vocabulary of ballet. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-088C
Ballet III **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 088B or equivalent.
1.0 hours lecture, 2.0 hours laboratory
An intermediate/advanced level technique course that builds on the theories and principles introduced in Dance 088B and focuses on developing intermediate/advanced skills related to ballet. This course covers the history, intermediate/advanced theories and vocabulary of ballet. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-088D
Ballet IV **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 088C or equivalent.
1.0 hours lecture, 2.0 hours laboratory
An advanced technique course that builds on the theories and principles introduced in Dance 088C and focuses on developing advanced skills related to ballet. This course covers the history, advanced theories and vocabulary of ballet. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-094A
Hip Hop I **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
A beginning level technique course designed to introduce and progressively develop urban street dance skills by integrating movement patterns with theoretical explanations of weight, posture, rhythm and interpretation of style. Emphasis is placed on developing muscle memory, stamina, and movement skills related to hip hop dance. Lectures cover hip hop as a performing art and tool for social, political, and cultural expression. Dance videos are used to further illustrate various dance techniques, movement styles, and performance philosophies. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students are required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-094B
Hip Hop II **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 094A.
1.0 hours lecture, 2.0 hours laboratory
A beginning/intermediate level technique class that builds on the theories, principles and skills introduced in Dance 094A and focuses on developing intermediate skills related to hip hop dance. Locomotor patterns and center floor combinations progress in length and complexity. Lectures cover hip hop as a performing art and tool for social, political, and cultural expression. Dance videos are used to further illustrate various dance techniques, movement styles, and performance philosophies. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students are required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-094C
Hip Hop III **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 094B.
1.0 hours lecture, 2.0 hours laboratory
An intermediate to advanced level technique class that builds on the theories, principles and skills introduced in Dance 094B and focuses on developing intermediate/advanced level skills related to hip hop dance. Locomotor patterns and center floor combinations progress in length and complexity. Lectures cover hip hop as a performing art and tool for social, political, and cultural expression. Dance videos are used to further illustrate various dance techniques, movement styles, and performance philosophies. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students are required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-094D
Hip Hop IV **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 094C.
1.0 hours lecture, 2.0 hours laboratory
An advanced level technique class that builds on the theories, principles and skills introduced in Dance 094C and focuses on developing advanced level skills related to hip hop dance. Locomotor patterns and center floor combinations progress in length and complexity. Lectures cover hip hop as a performing art and tool for social, political, and cultural expression. Dance videos are used to further illustrate various dance techniques, movement styles, and performance philosophies. Students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students are required to attend one live dance concert produced by the dance department and one department sponsored master class.(CSU/UC) (AA/AS-7B)

DANC-095
Musical Theatre Dance **1.5 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in Dance 084A or equivalent.
1.0 hours lecture, 2.0 hours laboratory
A course focusing on technique and performance in the musical theatre genre. Students will be introduced to a variety of Broadway choreographic styles with emphasis placed on characterization and performance quality of each theatrical style. Students will be required to attend one Grossmont College produced dance concert, and/or musical theatre production, and one dance department sponsored master class. (CSU/UC)

DANC-099A
Studio Workshop in Pointe I **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 088A or equivalent.
1.0 hours lecture, 1.0 hours laboratory
A technique class which focuses on developing the strength and flexibility required for pre-pointe and beginning pointe work. Though this course does cover beginning level pointe skills, students are expected to have previous experience and be able to execute intermediate level ballet skills. Also covered are the theories, and vocabulary of ballet as they relate to pointe. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department, and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-099B
Studio Workshop in Pointe II **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 099A or equivalent.
1.0 hours lecture, 1.0 hours laboratory
A technique class which focuses on developing intermediate pointe work skills incorporating the strength and flexibility learned in Dance 099A. Though this course does cover intermediate level pointe skills, students are required to have previous experience and be able to execute high intermediate level ballet skills. Also covered are the theories, and vocabulary of intermediate ballet as they relate to pointe. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-099C
Studio Workshop in Pointe III **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in Dance 099B or equivalent.
1.0 hours lecture, 1.0 hours laboratory
A technique class which focuses on developing intermediate to advanced pointe work skills incorporating the strength and flexibility learned in Dance 099B. Though this course does not cover intermediate level pointe skills, students are expected to have previous experience and be able to execute high intermediate level ballet skills. Also covered are the theories, and vocabulary of intermediate ballet as they relate to pointe. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will be required to attend one live dance concert produced by the dance department and one department sponsored master class. (CSU/UC) (AA/AS-7B)

DANC-110
Dance History **3 UNITS**
3.0 hours lecture
This survey course explores dance in historical contexts from pre-literate civilizations to the 20th century. It addresses various sociocultural and political forces and their influence on the development of dance. Topics include theatrical dance forms, social dance, ritual dance, as well as critical analysis of race and gender in dance. This course is intended for all students interested in expanding their aesthetic appreciation and understanding of dance as universal creative human behavior. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A,Cal-GETC-3A)

DANC-118A
Pilates I **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
This course is structured for students who seek a theoretical approach to exercise and wellness. Pilates I is designed to improve strength, body alignment, flexibility, balance, coordination, and breathing. Exercises and concepts are based on the Pilates method. The course includes a brief aerobic component with a focus on balance and stamina with a progression to the Pilates mat work. Lectures will focus on injury prevention and recognizing imbalances brought on by poor posture and injuries. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Students will attend one live dance concert produced by the Dance Department. (CSU/UC) (AA/AS-7B)

DANC-118B
Pilates II **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 118A or equivalent.
1.0 hours lecture, 2.0 hours laboratory
This course is structure for students who seek a theoretical approach to exercise and wellness. Pilates II continues the principles of the Pilates method presented in Pilates I. Exercises and concepts are based on the Pilates method and will progress to more advanced mat work and introduction to the apparatus. The course includes a brief aerobic component with a focus on balance and stamina with a progression to the Pilates mat work. Lectures will focus on injury prevention and recognizing imbalances brought on by poor posture or injuries. Students will attend one live dance concert produced by the Dance Department. (CSU/UC) (AA/AS-7B)

DANC-118C
Pilates III **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 118B or equivalent.
1.0 hours lecture, 2.0 hours laboratory
This course is structure for students who seek a theoretical approach to exercise and wellness. Pilates III continues the principles of the Pilates method presented in Pilates II. Exercises and concepts are based on the Pilates method and will progress to more advanced mat work and exercises utilizing the Pilates apparatus including the reformer, Cadillac, stability chair, and spine corrector. The course includes a brief aerobic component with a focus on balance and stamina with a progression to the Pilates mat work. Lectures will focus on injury prevention and recognizing imbalances brought on by poor posture or injuries. Students will attend one live dance concert produced by the Dance Department (CSU/UC) (AA/AS-7B)

DANC-118D
Pilates IV **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 118C or equivalent.
1.0 hours lecture, 2.0 hours laboratory
This course is structure for students who seek a theoretical approach to exercise and wellness. Pilates IV continues the principles of the Pilates method presented in Pilates III. Exercises and concepts are based on the Pilates method and will progress to advanced mat work and exercises utilizing the Pilates apparatus including the reformer, Cadillac, stability chair, small and large balls, stability circle and spine corrector. The course includes a brief aerobic component with a focus on balance and stamina with a progression to the Pilates mat work. Lectures will focus on injury prevention and recognizing imbalances brought on by poor posture or injuries. Students will attend one live dance concert produced by the Dance Department. (CSU/UC) (AA/AS-7B)

DANC-120
Dance Appreciation **3 UNITS**
3.0 hours lecture
Dance Appreciation is a survey course that examines dance as a primary mode of human expression and communication with a focus on dance in the twentieth and twenty-first centuries CE. Through viewing live and recorded performances, discussions, and engaging in assigned readings, the student will place dance in a variety of cultural, artistic and historical contexts and examine issues of race, gender, and politics. This course fulfills a humanities requirement and may be of interest to students who want to examine the performing arts or cross-cultural studies. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

DANC-121
Beginning Teaching Practicum - Dance **1.5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in DANC 080C or 084C or 088C or 094C or 118C or equivalent.
1.0 hours lecture, 2.0 hours laboratory
This course is designed for the intermediate to advanced dancer who wishes to develop an awareness of proper teaching techniques. The student would implement these techniques into lesson plans for the intermediate technique courses offered at Grossmont College. The student, under the guidance of a department dance instructor, will analyze the instructor's lesson plans as well as develop their own series of warm-up exercises to be discussed for purpose and efficiency. (CSU)

DANC-122
Intermediate Teaching Practicum - Dance **1.5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in DANC 121 or equivalent.
1.0 hours lecture, 2.0 hours laboratory
This course is designed for the intermediate to advanced dancer who wishes to develop an awareness of proper teaching techniques. The student would implement these techniques into lesson plans for the intermediate technique courses offered at Grossmont College. The student, under the guidance of a department dance instructor, would analyze the instructor's lesson plans as well as develop their own lessons to be utilized in class. Emphasis on student's lesson plan development and application of lessons in a classroom setting. (CSU)

DANC-123
Advanced Teaching Practicum - Dance **1.5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in DANC 122 or equivalent.
1.0 hours lecture, 2.0 hours laboratory
This course is designed for the intermediate to advanced dancer who wishes to develop an awareness of proper teaching techniques. The student would implement these techniques into lesson plans for the intermediate technique courses offered at Grossmont College. The student, under the guidance of a department dance instructor, would analyze the instructor's lesson plans as well as develop their own lessons to be utilized in class. Emphasis is placed on the development of lessons to be implemented in elementary and secondary schools as well as the studio environment. (CSU)

DANC-200A
Touring Dance Ensemble I **2 UNITS**
Prerequisite: Audition
1.0 hours lecture, 3.0 hours laboratory
This course focuses on performance skills and techniques in preparation for professional applications. Intermediate and advanced level dance students rehearse and perform choreography in a variety of performance venues both on campus and in the community. Though most performances will be scheduled during class time, additional performances may be held during the evening and/or on weekends. (CSU)

DANC-200B
Touring Dance Ensemble II **2 UNITS**
Prerequisite: Audition
1.0 hours lecture, 3.0 hours laboratory
This course focuses on choreographic and/or performance skills and techniques in preparation for professional applications. Intermediate and advanced level dance students work as choreographers and/or dancers, and rehearse and perform choreography in a variety of performance venues both on campus and in the community. Though most performances will be scheduled during class time, additional performances may be held during the evening and/or on weekends. Students also learn the rudiments of starting and running a dance company. (CSU)

DANC-201
Dance Theatre Performance I **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
Supervised participation as a performer in the student choreographed dance concert as determined through the audition process. This course is designed for the student who has been selected to perform in one student choreographed work. Students enrolling in this class are strongly advised to enroll in one or more technique classes for the purpose of learning and/or reinforcing theories, vocabulary, and techniques that are applicable to the choreographic and performing process. (CSU)

DANC-202
Dance Theatre Performance II **2 UNITS**
Prerequisite: Audition
6.0 hours laboratory
Supervised participation as a performer in the student choreographed dance concert as determined through the audition process. This course is designed for the student who has been selected to perform in two student choreographed works. Students enrolling in this class are strongly advised to enroll in one or more technique classes for the purpose of learning and/or reinforcing theories, vocabulary, and techniques that are applicable to the choreographic and performing process. (CSU)

DANC-203
Dance Theatre Performance III **3 UNITS**
Prerequisite: Audition
9.0 hours laboratory
Supervised participation as a performer in the student choreographed dance concert as determined through the audition process. This course is designed for the student who has been selected to perform in three student choreographed works. Students enrolling in this class are strongly advised to enroll in one or more technique classes for the purpose of learning and/or reinforcing theories, vocabulary, and techniques that are applicable to the choreographic and performing process. (CSU)

DANC-204
Dance Improvisation **1.5 UNITS**
Recommended Preparation: "C" grade or higher or Pass in Dance 080A, or Dance 84A, or Dance 88A, or equivalent.
1.0 hours lecture, 2.0 hours laboratory
This course introduces the art and practice of improvisational dance. It also focuses on movement generation through the study of time, space, shape, effort, and body. Students are guided through specific exercises which enable them to discover the joy of movement and to enter into a free environment in which one can explore the unique and creative language of physical expression. (CSU)

DANC-205
Choreography I **2 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in DANC 080A or 084A or 088A or equivalent.
1.0 hours lecture, 3.0 hours laboratory
This course explores analysis of movement composition for the stage. The elements of space, time, shape, and energy will be examined. Movement improvisation using various forms of motivation will enhance the creative process. Various studies in elementary dance composition for solo, duet, trio and small group will be presented. (CSU)

DANC-206
Choreography II **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in DANC 205 or equivalent.
1.0 hours lecture, 3.0 hours laboratory
This course explores analysis of movement composition for the stage. The elements of space, time, shape, and energy will be examined. Movement improvisation using various forms of motivation will enhance the creative process. Various studies in more complex compositional forms and choreographic tasks for solo, duet, trio and small group will be presented. (CSU)

DANC-223
Student Choreography for Production I **2.5 UNITS**
Prerequisite: Audition
Recommended Preparation: "C" grade or higher or "Pass" in DANC 205 or equivalent.
7.5 hours laboratory
Supervises participation as a choreographer in the student dance concert. Student choreographers will apply intermediate skills in ballet, jazz, tap, hip hop, and modern dance in concerts and community performances. Emphasis is placed on student application of dance, staging, and performance techniques in student choreographed works for small groups or large ensembles. This course is designed for dance majors and students interested in exploring the choreographic process from the inception to the stage. (CSU)

DANC-224
Student Choreography for Production II **2.5 UNITS**
Prerequisite: Audition
Recommended Preparation: "C" grade or higher or "Pass" in DANC 205 or equivalent.
7.5 hours laboratory
Supervises participation as a choreographer in the student dance concert. Student choreographers will apply intermediate/advanced skills in ballet, jazz, tap, hip hop, and modern dance in concerts and community performances. Emphasis is placed on student application of dance, staging, and performance techniques in student choreographed works for small groups or large ensembles. This course is designed for dance majors and students interested in exploring the choreographic process from the inception to the stage. (CSU)

DANC-225
Student Choreography for Production III **2.5 UNITS**
Prerequisite: Audition
Recommended Preparation: "C" grade or higher or "Pass" in DANC 205 or equivalent.
7.5 hours laboratory
Supervises participation as a choreographer in the student dance concert. Student choreographers will apply advanced skills in ballet, jazz, tap, hip hop, and modern dance in concerts and community performances. Emphasis is placed on student application of dance, staging, and performance techniques in student choreographed works for solo, duet, or small groups. This course is designed for dance majors and students interested in exploring the choreographic process from the inception to the stage. (CSU)

DANC-227
Performance Ensemble I **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
Participation as an intermediate dancer in the faculty choreographed dance concert. Students will be admitted into the course upon successful audition. This course is designed for the student who has had prior dance training in the college or studio environment. Dance 227 reflects the number of rehearsal and performance hours required for one choreographic work. Students enrolling in this course are strongly advised to enroll in one or more technique/movement courses for the purpose of learning and/or reinforcing theories, vocabulary, and techniques that are applicable to the choreographic process. (CSU)

DANC-228
Performance Ensemble II **1.5 UNITS**
Prerequisite: Audition
4.5 hours laboratory
Participation as an intermediate dancer in the faculty choreographed dance concert. Students will be admitted into the course upon successful audition. This course is designed for the student who has had prior dance training in the college or studio environment. Dance 228 reflects the number of rehearsal and performance hours required for two choreographic works. Students enrolling in this course are strongly advised to enroll in one or more technique/movement courses for the purpose of learning and/or reinforcing theories, vocabulary, and techniques that are applicable to the choreographic process. (CSU)

DANC-229
Performance Ensemble III **2 UNITS**
Prerequisite: Audition
6.0 hours laboratory
Participation as an intermediate dancer in the faculty choreographed dance concert. Students will be admitted into the course upon successful audition. This course is designed for the student who has had prior dance training in the college or studio environment. Dance 229 reflects the number of rehearsal and performance hours required for three choreographic works. Students enrolling in this course are strongly advised to enroll in one or more technique/movement courses for the purpose of learning and/or reinforcing theories, vocabulary, and techniques that are applicable to the choreographic process. (CSU)

DANC-230
Performance Ensemble IV **2.5 UNITS**
Prerequisite: Audition
7.5 hours laboratory
Participation as an intermediate dancer in the faculty choreographed dance concert. Students will be admitted into the course upon successful audition. This course is designed for the student who has had prior dance training in the college or studio environment. Dance 230 reflects the number of rehearsal and performance hours required for four choreographic works. Students enrolling in this course are strongly advised to enroll in one or more technique/movement courses for the purpose of learning and/or reinforcing theories, vocabulary, and techniques that are applicable to the choreographic process. (CSU)

Economics (ECON)

ECON-110
Economic Issues and Policies **3 UNITS**
3.0 hours lecture
An introduction to fundamental economic concepts as applied to real-world issues. Topics may include environmental protection, disaster relief, national debt, health care, crime, income inequality, poverty, and financial bubbles. Analysis of government policy and contrasting economic perspectives will also be addressed. (NOTE: The UC system will not award credit for ECON 110 if taken after ECON 120 or 121.) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ECON-120
Principles of Macroeconomics **3 UNITS**
3.0 hours lecture
This course provides students with the basic analytical tools necessary to analyze the U.S. economy from the macroeconomic perspective. The course includes an examination of the core problem of scarcity including resource allocation through the price system, market failures, and the elements of international trade, national income statistics, problems of inflation and unemployment, Keynesian macroeconomic theory and policy; the role of money supply; monetary theory; and Federal Reserves policy, alternative stabilization policies, problems of economic growth, income distribution, and other topics. Current economic problems are examined by guest and staff speakers from liberal, conservative, and radical perspectives. (C-ID ECON 202) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ECON-121
Principles of Microeconomics **3 UNITS**
3.0 hours lecture
This course provides students with the basic analytical tools necessary to analyze the U.S. economy from the microeconomic perspective. The course includes an examination of the core economic problem of scarcity, the essentials of supply and demand analysis, and the workings of a market system; elasticity; costs of production; market structures of pure competition, monopoly, monopolistic competition, and oligopoly; marginal revenue productivity; theory of wage determination, unions, and government policies; applied cases of microeconomics such as the problems of agriculture, pollution, mal-distribution of income and international economics. Current economic problems are examined by guest and staff speakers from liberal, conservative, and radical perspectives. (C-ID ECON 201) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ECON-125
Economic History of the United States **3 UNITS**
3.0 hours lecture
The course will examine the economic development of the United States from colonial times to the present. Attention will be given to industrialization, land policy, the development of agriculture, the rise of consumerism, big finance,the role of war in economic development, how institutions shape economic development, and the conditions of the modern economy and its challenges. (CSU/UC)(CSU-D, IGETC-4, Cal-GETC-4)

ECON-130
Comparative Economic Systems **3 UNITS**
3.0 hours lecture
This class will explore the current macroeconomic situation and policies of various nations of the world. Our focus will be on the different styles of economic allocation ranging from free-market capitalist economies to state-controlled socialist economies. Emphasis will be placed on case studies from North America, Europe, the Asia Pacific, the Middle East, Latin America, and Africa. While philosophical, political, sociological, and historical, analysis will take place, this class primarily involves the application of macroeconomic theory to objectively evaluate the pros and cons of various economic systems. (CSU)(CSU-D)

ECON-135
Environmental Economics **3 UNITS**
3.0 hours lecture
This course intends to provide an analytical framework for understanding the nature of environmental issues such as pollution and global warming and investigate the apparent conflict between economic needs and ecological requirements. In this context, economic tools like cost/benefit analysis applied to environmental policies and projects will be applied. (CSU/UC)(CSU-D, IGETC-4, Cal-GETC-4)

ECON-195
Internship in Economics **1 UNITS**
Community Service Learning Experience (CSLE) is a community outreach program which promotes the national agenda of volunteer engagement. The purpose is to provide students the opportunity to explore options and careers in a selected area of study. This course explores career options in fields such as commercial banking, investment banking, real estate, government, insurance, law, and international trade. (CSU) 54 hours paid or unpaid work experience per semester.

ECON-197
Internship in Economics **2 UNITS**
Community Service Learning Experience (CSLE) is a community outreach program which promotes the national agenda of volunteer engagement. The purpose is to provide students the opportunity to explore options and careers in a selected area of study. This course explores career options in fields such as commercial banking, investment banking, real estate, government, insurance, law, and international trade. (CSU) 108 hours paid or unpaid work experience per semester.

ECON-215
Statistics for Business, Economics, and Social Sciences **4 UNITS**
Prerequisite: Appropriate placement or intermediate algebra.
4.0 hours lecture
Introduction to descriptive and inferential statistics including regression and correlation analysis. Application of statistical techniques to conduct research and analysis in various disciplines in the social and behavioral sciences, including economics, business, politics, psychology, sociology. (CSU/UC) (AA/AS-2,CSU-B4, IGETC-2A, Cal-GETC-2)

ECON-261
Economic Relations of the Asia Pacific **3 UNITS**
3.0 hours lecture
This course is an exploration of the historical and present economic relations of the Asia Pacific region focusing on the interaction of the major economics of East Asia, Southeast Asia and the English-speaking Pacific. Topics such as economic development, regional integration, capital flows, financial architectures, migration, trade, political economy, resource allocation and environmental issues will be investigated. (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

Education (ED)

ED-200
Teaching as a Profession **3 UNITS**
3.0 hours lecture
This course is designed for students considering teaching as a profession and for classroom paraprofessionals working in the public school system. Career exploration, foundations of education, critical issues, and an introduction to literacy acquisition are addressed. Standards for the teaching profession and conditions for effective learning are discussed. Guided observation of public school classrooms in a variety of subject areas are a requirement of the course. (CSU/UC)

English (ENGL)

ENGL-C1000
Academic Reading and Writing **3 UNITS**
Prerequisite: Placement as determined by the college's multiple measures assessment process.
3.0 hours lecture, 1.0 hours laboratory
In this course, students receive instruction in academic reading and writing, including writing processes, effective use of language, analytical thinking, and the foundations of academic research. Formerly ENGL 120. Not open to students with credit in ENGL 120 or ESL 122.

ENGL-C1001
Critical Thinking and Writing **3 UNITS**
Prerequisite: College-level composition (ENGL C1000/C-ID ENGL 100) or equivalent.
3.0 hours lecture
In this course, students receive instruction in critical thinking for purposes of constructing, evaluating, and composing arguments in a variety of rhetorical forms, using primarily nonfiction texts, refining writing skills and research strategies developed in ENGL C1000 Academic Reading and Writing (C-ID ENGL 100) or similar first-year college writing course. Open to students with credit in ENGL C1000 (formerly ENGL 120) or ESL 122 or equivalent. Formerly ENGL 124. Not open to students with credit in ENGL 124.

ENGL-020
Support for Academic Reading and Writing **1 UNITS**
Prerequisite: Appropriate Placement
Corequisite: ENGL C1000
1.0 hours lecture
This course is designed to review and reinforce the skills necessary to be successful in English C1000, Academic Reading and Writing (formerly English 120). Students will study the elements and principles of composition through the practice of editing and revising narrative, expository, and argumentative essays. Students will also be introduced to effective reading skills and strategies necessary for the reading of college level material. Pass/No Pass only. Non-degree applicable.

ENGL-098
English Fundamentals **4 UNITS**
4.0 hours lecture
This course is designed to introduce students to the process involved in writing effectively. Students will study grammar, punctuation and standard usage and will practice various phases of the writing process and use sentence variety to compose paragraphs and at least one multi-paragraph essay. (Nondegree credit course)

ENGL-098R
Reading Fundamentals **3 UNITS**
3.0 hours lecture, 1.0 hours laboratory
This course is designed to provide an introduction to effective reading skills and strategies for students who speak English fluently. An emphasis is placed on expanding vocabulary, improving reading comprehension, and increasing speed. Students will also learn basic strategies for inferential and critical reading. (Nondegree credit course)

ENGL-110R
Principles of College Reading **3 UNITS**
3.0 hours lecture, 1.0 hours laboratory
This course is designed to develop effective reading skills and strategies necessary for the reading of college level material. Emphasis is on developing vocabulary geared toward college textbooks and learning strategies necessary for efficient reading comprehension and retention. Students will also develop college level inferential and critical reading skills. (CSU)

ENGL-122
Introduction to Literature **3 UNITS**
Prerequisite: A "C" grade or higher or "Pass" in English C1000 OR English as a Second Language 122 OR equivalent.
3.0 hours lecture
This course invites students to explore representative works from various literary genres and formats (such as myths, folktales, short stories, poems, plays, novels, essays, and creative nonfiction); develops students' close reading and analytical writing skills; and promotes appreciation and critical understanding of the cultural, historical, and aesthetic qualities of literature. (C-ID ENGL 120) (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ENGL-126
Introduction to Creative Writing **3 UNITS**
Prerequisite: Placement into ENGL C1000 (formerly ENGL 120) or ESL 122.
3.0 hours lecture
Introduction to the craft of creative writing through study and analysis of the works of established, contemporary, and peer writers. Students will write short fiction, poetry, creative nonfiction, and drama and use the workshop method and instructor feedback to evaluate and revise work. Opportunity for publication in college literary journal, participation in student readings, and inclusion in on-line college chapbook. (C-ID ENGL 200) (CSU/UC) (AA/AS-3)

ENGL-130
Short Fiction Writing I **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ENGL 126 or equivalent.
3.0 hours lecture
The first in a four-course sequence, this class is designed to familiarize students with the study, analysis, and application of fundamental tools, techniques, and forms used by established and contemporary authors of fiction. By composing and submitting original short fiction, students learn to use the writers workshop to develop their skills as critics and writers of fiction. Students have opportunities for recognition and public readings of their own work. (CSU/UC)

ENGL-131
Short Fiction Writing II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 130 or equivalent.
3.0 hours lecture
The second in a four-course sequence, this intermediate level class is designed to further skill development in the study, analysis, and application of tools, techniques, principles, and forms used by established and contemporary authors of short fiction. By composing and submitting original short fiction, students use the writers' workshop to further develop competency as critics and writers of short fiction. Students have opportunities for recognition, publication and public readings of their own work. (CSU/UC)

ENGL-132
Short Fiction Writing III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 131 or equivalent.
3.0 hours lecture
The third in a four-course sequence, this advanced level class is designed to expand student proficiency in the study, analysis, and application of tools, techniques, and forms used by established and/or contemporary writers of short fiction. By composing and submitting original works of short fiction, students use the writers' workshop to deepen their skills as critics and emerging authors of short fiction. Students have opportunities for publication and public readings of their own work. (CSU/UC)

ENGL-133
Short Fiction Writing IV **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 132 or equivalent.
3.0 hours lecture
The final of a four-course sequence, this mastery-level class is designed to strengthen student expertise in the study, analysis, and application of the tools, techniques, and forms used by established and contemporary short fiction authors. By crafting and submitting original short fiction, students use the writer's workshop to refine their skills as critics and authors of short fiction, as well as explore markets for publication. Students have opportunities for performance, publication of their own work, and special projects. (CSU/UC)

ENGL-134
Creative Nonfiction Writing I **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ENGL 126 or equivalent.
3.0 hours lecture
The first in a four-course sequence, this class is designed to familiarize students with the study, analysis, and application of fundamental tools, techniques, and forms used by contemporary and established creative nonfiction practitioners. By composing and submitting original creative nonfiction, students learn to use the writers' workshop to develop their skills as critics and writers of creative nonfiction. Students have opportunities for recognition and public readings of their own work. (CSU/UC) (AA/AS-3)

ENGL-135
Creative Nonfiction Writing II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 134 or equivalent.
3.0 hours lecture
The second in a four-course sequence, this intermediate level class is designed to further skill development in the study, analysis, and application of tools, techniques, principles, and forms used by established and contemporary authors of creative nonfiction. By composing and submitting original creative nonfiction, students use the writers' workshop to further develop competency as critics and writers of creative nonfiction. Students have opportunities for recognition, publication and public readings of their own work. (CSU/UC) (AA/AS-3)

ENGL-136
Creative Nonfiction Writing III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 135 or equivalent.
3.0 hours lecture
The third in a four-course sequence, this advanced level class is designed to expand student proficiency in the study, analysis, and application of tools, techniques, and forms used by established and/or contemporary writers of creative nonfiction. By composing and submitting original works of creative nonfiction, students use workshop to deepen their skills as critics and emerging authors of creative nonfiction. Students have opportunities for publication and public readings of their own work. (CSU/UC) (AA/AS-3)

ENGL-137
Creative Nonfiction Writing IV **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 136 or equivalent.
3.0 hours lecture
The final of a four-course sequence, this mastery-level is designed to strengthen student expertise in the study, analysis and application of the tools, techniques, and forms used by established and contemporary creative nonfiction authors. By crafting and submitting original creative nonfiction, students use the writers' workshop to refine their skills as critics and authors of creative nonfiction, as well as explore markets for publication. Students have opportunities for performance, publication of their own work, and special projects. (CSU/UC) (AA/AS-3)

ENGL-140
Poetry Writing I **3 UNITS**
Prerequisite: Placement into English C1000 or ESL 122. A "C" grade or higher or "Pass" in English 126 or equivalent.
3.0 hours lecture
The first of a four-course sequence, this class is designed to familiarize students with the study, analysis, and application of the fundamental tools, techniques, and forms of poetry used by established and contemporary poets. By composing and submitting original poems, students learn to use the writers' workshop to develop their skills as writers and critics. Students have opportunities for recognition and public readings of their own work.Students may enroll in this class without having to enroll in the other courses in the sequence. (CSU/UC)

ENGL-141
Poetry Writing II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 140 or equivalent.
3.0 hours lecture
The second of a four-course sequence, this intermediate level class is designed to further skill development in the study, analysis, and application of the tools, techniques, and forms of poetry used by established and contemporary poets. By composing and submitting original poems, students use the writers' workshop to further develop competency as critics and writers of poetry. Students have opportunities for recognition, publication, and public readings of their own work. (CSU/UC)

ENGL-142
Poetry Writing III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 141 or equivalent.
3.0 hours lecture
The third of a four-course sequence, this advanced level class is designed to expand student proficiency in the study, analysis, and application of the tools, techniques, and forms of poetry used by established and contemporary poets. By composing and submitting original poems, students use the writers' workshop to deepen their skills as critics and emerging poets. Students have opportunities for publication and public readings of their own work. (CSU/UC)

ENGL-143
Poetry Writing IV **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 142 or equivalent.
3.0 hours lecture
This final of a four-course sequence, the mastery-level class is designed to strengthen student expertise in the study, analysis, and application of the tools, techniques, and forms of poetry used by established and contemporary poets. By crafting and submitting original poems, students use the writers' workshop to refine their skills as critics and poets, as well as explore avenues for publication. Students have opportunites for publication, public readings of their own work, and special projects. (CSU/UC)

ENGL-145
Acorn Review: Editing and Production I **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ENGL 126 or equivalent.
3.0 hours lecture
The first in a four-course sequence, this course is designed to familiarize students with the fundamental tools of reading, selecting, editing, proofreading, and arranging student manuscripts for publication in the Grossmont College student literary journal. (CSU)

ENGL-146
Acorn Review: Editing and Production II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 145 or equivalent.
3.0 hours lecture
The second in a four-course sequence, this intermediate level class is designed to further skill development in the reading, selecting, editing, proofreading, and arranging of student manuscripts for publication in the Grossmont College literary journal. (CSU)

ENGL-147
Acorn Review: Editing and Production III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 146 or equivalent.
3.0 hours lecture
The third in a four-course sequence, this advanced level class is designed to expand student proficiency in the reading, selecting, editing, proofreading, and arranging of student manuscripts for publication in the Grossmont College student literary journal. (CSU)

ENGL-148
Acorn Review: Editing and Production IV **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 147 or equivalent.
3.0 hours lecture
The final of a four-course sequence, this mastery level class is designed to strengthen student expertise in the reading, selecting, editing, proofreading, and arranging of student manuscripts for publication in the Grossmont College student literary journal. (CSU)

ENGL-160
Drama Writing I **3 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in English 126 or equivalent.
3.0 hours lecture
The first in a four-course sequence, this class is designed to familiarize students with the study, analysis, and application of fundamental tools, techniques, and forms used by established and contemporary authors of drama. By composing and submitting original works of drama, students learn to use the writers' workshop to develop their skills as critics and drama writers. Students have opportunities for recognition and public reading/performance of their own work. (CSU/UC)

ENGL-161
Drama Writing II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 160 or equivalent.
3.0 hours lecture
The second in a four-course sequence, this intermediate level class is designed to further skill development in the study, analysis, and application of tools, techniques, principles, and forms used by established and contemporary authors of drama. By composing and submitting original works of drama, students use the writers' workshop to further develop competency as critics and drama writers. Students have opportunities for recognition, publication and public reading/performance of their own work. (CSU/UC)

ENGL-162
Drama Writing III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 161 or equivalent.
3.0 hours lecture
The third in a four-course sequence, this advanced level class is designed to expand proficiency in the study, analysis, and application of tools, techniques, principles, and forms used by established and contemporary authors of drama. By composing and submitting original works of drama, students use the writers' workshop to further deepen their skills as critics and emerging dramatists. Students have opportunities for recognition, publication and public reading/performance of their own work. (CSU/UC)

ENGL-163
Drama Writing IV **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 162 or equivalent.
3.0 hours lecture
The final in a four-course sequence, this mastery-level class course is designed to strengthen expertise in the study, analysis and application of the tools, techniques, and forms used by established and contemporary dramatists. By crafting and submitting original works of drama, students use the writers' workshop to refine their skills as critics and dramatists, as well as explore markets for production and staging. Students have opportunities for publication and reading/performance of their own work. (CSU/UC)

ENGL-175
Novel Writing I **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ENGL 126 or equivalent.
3.0 hours lecture
The first in a four-course sequence, this class is designed to familiarize students with the study, analysis, and application of fundamental tools, techniques, and forms used by established and contemporary novelists. By composing and submitting original novel scenes, chapters and/or excerpts, students learn to use the writers' workshop to develop their skills as critics and writers of novels. Students have opportunities for recognition and public readings of their own work. (CSU/UC)

ENGL-176
Novel Writing II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 175 or equivalent.
3.0 hours lecture
The second in a four-course sequence, this intermediate level class is designed to further skill development in the study, analysis, and application of tools, techniques, principles, and forms used by established and contemporary novelists. By composing and submitting original novel scenes, chapters and/or excerpts, students use the writers' workshop to further develop competency as critics and writers of novels. Students have opportunities for recognition, publication and public readings of their own work. (CSU/UC)

ENGL-177
Novel Writing III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 176 or equivalent.
3.0 hours lecture
The third in a four-course sequence, this advanced level class is designed to expand student proficiency in the study, analysis, and application of tools, techniques, and forms used by established and/or contemporary novel writers. By composing and submitting original novel scenes, chapters and/or excerpts, students use the writers' workshop to deepen their skills as critics and emerging novelists. Opportunities for publication and public readings of their own work. (CSU/UC)

ENGL-178
Novel Writing IV **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL 177 or equivalent.
3.0 hours lecture
The final of a four-course sequence, this mastery-level class is designed to strengthen student expertise in the study, analysis and application of the tools, techniques, and forms used by established and contemporary novelists. By crafting and submitting original novel scenes, chapters and/or excerpts, students use the writers' workshop to refine their skills as critics and novelists, as well as explore markets for publication. Students have opportunities for performance, publication of their own work, and special projects. (CSU/UC)

ENGL-195
Community Service Learning Experience **1 UNITS**
This course offers students the opportunity to earn academic credit while volunteering in the community. Community Service Learning (CSL) provides thoughtfully organized service experiences which meet community needs and are integrated into academic course work. Through civic engagement, students may also explore career opportunities in a selected area of study. This course is taught in partnership with the CSL Program at Grossmont College and includes placement in a community-based site. 54 hours paid or unpaid work experience per semester.

ENGL-201
Women, Gender, and Sexuality in Literature **3 UNITS**
3.0 hours lecture
This course is designed to examine gender and sexuality in diverse literature with emphasis on the representations of women. Students learn to use different theoretical lenses to critically interpret and discuss fiction, graphic literature, poetry, drama, and creative nonfiction in historical, political, literary, and cultural contexts. Through active reading and discussion, students interrogate how literature informs, reinforces, challenges, alters, resists, or otherwise influences social constructions of gender and sexuality. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ENGL-203
Children's Literature **3 UNITS**
3.0 hours lecture
This course surveys the historical and cultural development of children's literature. Students will be invited to engage in critical approaches and close reading of children's literature, as we discover shared themes in both classic and contemporary works from different eras and cultures, with an emphasis in understanding how evolving historical, social, political, and theoretical attitudes toward childhood have shaped the field of children's literature. This course will also provide theory and practice in analyzing children's literary genres, exploring criteria for book selection, and practicing techniques for using classic and contemporary literature with young people. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ENGL-215
Mythology **3 UNITS**
3.0 hours lecture
This world mythology course is designed to explore the similarities and differences among the myths of wildly separated peoples as a means of interpreting their literature within historical and cultural contexts. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ENGL-217
Fantasy and Science Fiction **3 UNITS**
3.0 hours lecture
An introduction to genre literature, ranging from gothic romance to heroic and other fantasies and from space-adventure to socially-critical contemporary science fiction. Course will examine the traditional, canonical, and historical backgrounds from which popular literatures derive, and explore the place of science fiction and fantasy in popular culture past and present. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ENGL-218
Shakespeare - His Plays and the Theatre of His Time **3 UNITS**
3.0 hours lecture
This course introduces students to William Shakespeare's plays and the theatre of his time. Students will read, interpret and analyze sevaral of Shakespeare's plays-including the play(s) being produced or viewed locally-that represent the full range of his comedic, historical, and tragic works, such as A Midsummer Night's Dream, Twelfth Night, Richard II, Henry IV, Othello, Macbeth, King Lear, and Hamlet. The point of the course is to prepare students to understand and appreciate more fully the experience of seeing, reading, and discussing Shakespeare. The course will make apt use of actors in the classroom, good films, recordings of the plays, and theatre tours. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ENGL-219
Death and Dying in Literature **3 UNITS**
3.0 hours lecture
This course invites students to examine diverse works of literature representative of attitudes toward death and dying as, both, a practical and a philosophical concern. (CSU/UC) (AA/AS-3, CSU-C2,E, IGETC-3B, Cal-GETC-3B)

ENGL-221
British Literature I **3 UNITS**
Prerequisite: Placement into ENGL C1000 or ESL 122.
3.0 hours lecture
This course is a survey of British literature from the Anglo-Saxon Period to the Romantic Period. Through their reading, students will be invited to explore the dynamic interchange between the literature and its historical, social, and philosophical perspectives and according to various schools of critical theory. A typical syllabus will include a wide range of genres and authors from throughout the historical survey periods covered in this course. (C-ID ENGL 160) (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ENGL-222
British Literature II **3 UNITS**
Prerequisite: Placement into ENGL C1000 or ESL 122.
3.0 hours lecture
This course is a survey of British literature from the Romantic Period to the present. Through their reading, students will be invited to explore the dynamic interchange between the literature and its historical, social, and philosophical perspectives and according to various schools of critical theory. A typical syllabus will include a wide range of genres and authors from throughout the historical survey periods covered in this course. (C-ID ENGL 165) (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,Cal-GETC-3B)

ENGL-231
American Literature I **3 UNITS**
Prerequisite: Placement into ENGL C1000 or ESL 122.
3.0 hours lecture
This course is a survey of American authors and their relationship to major literary and intellectual movements, from America's beginnings to the second half of the nineteenth century. Through their reading, students will be invited to explore the dynamic interchange between the literature and its historical, social, and philosophical perspectives and according to various schools of critical theory. A typical syllabus will include a wide range of genres and authors from throughout the historical survey periods covered in this course. (C-ID ENGL 130) (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ENGL-232
American Literature II **3 UNITS**
Prerequisite: Placement into ENGL C1000 or ESL 122.
3.0 hours lecture
This course is a survey of American authors and their relationship to major literary and intellectual movements from the second half of the nineteenth century to the present. Through their reading, students will be invited to explore the dynamic exchange between the literature and its historical, social, and philosophical perspectives and according to various schools of critical theory. A typical syllabus will include a wide range of genres and authors from throughout the historical survey periods covered in this course. (C-ID ENGL 135) (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ENGL-236
Chicana/o Literature **3 UNITS**
3.0 hours lecture
This course is a survey of colonial, post-colonial, and contemporary Chicano/Chicana literature. Literary works originally written in English and the Chicano/a bilingual idiom as well as English translations of works written in Spanish will be taught. Reading selections may consist of poetry, ballads, short stories, novels, plays, and nonfiction prose. Students analyze the literature and apply critical theory to describe critical events in the histories, cultures, and intellectual and literary traditions, with special focus on the lived experiences, social struggles, and contributions of Latino/a Americans in the United StatesNote: Also listed as ETHN 236. Not open to students with credit in ETHN 236. (CSU/UC) (AA/AS-3, CSU-C2,F, IGETC-3B,7, Cal-GETC-3B,6)

ENGL-237
American Indian Literature **3 UNITS**
3.0 hours lecture
A survey and literary analysis of American Indian literature; folk, creation and origin stories, legends, and poetry from the oral tradition to contemporary American Indian authors. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ENGL-238
Black Literature **3 UNITS**
3.0 hours lecture
This course introduces students to a survey of Black literature, focusing on the early oral tradition, literature of slavery and freedom, the Harlem Renaissance, Modernism, the Black Arts Era, and the contemporary period. Reading selections may consist of poetry, short stories, plays, novels, and nonfiction prose, including essays, letters, political tracts, autobiographies, speeches, and sermons. Students analyze the literature and apply critical theory to describe critical events in the histories, cultures, and intellectual and literary traditions, with special focus on the lived experiences, social struggles, and contributions of African Americans in the United States. Note: Also listed as ETHN 238. Not open to students with credit in ETHN 238. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ENGL-239
Asian American Literature **3 UNITS**
3.0 hours lecture
This course in Asian American Literature will include poetry, ballads, short stories, novels, plays, and nonfiction prose. "Asian" is a broad category that includes, but is not limited to, persons who trace their roots to at least China, Japan, Korea, Burma (or Myanmar), Vietnam, Malaysia, Indonesia, the Philippines, Hawai'i, the Pacific Islands, Cambodia, Laos, Thailand, India, Bangladesh, or Pakistan. Historically, industrialization, technological development, and a rejection of tradition have invoked ideologies of the "Oriental other," "the Yellow Peril," and the "model minority." But the literary works herein challenge such narratives and set the stage to examine an age marked by migration, war, imperialism, (neo)colonialism, and globalization. Students will be invited to read and discuss a variety of texts that represent Asia and the Pacific Islands during and after World War II, and that challenge ideas about the past and present, the traditional and the modern, and "the West" and "the East." Students will analyze the literature and apply critical theory to describe events in the histories, cultures, and intellectual and literary traditions, with special focus on the lived experiences, social struggles, and contributions of Asian Americans, Native Hawai'ians, and Pacific Islander Americans in the United States. Note: Also listed as ETHN 239. Not open to students with credit in ETHN 239.(CSU/UC)(AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ENGL-271
World Literature II **3 UNITS**
Prerequisite: Placement into ENGL C1000 or ESL 122 or equivalent.
3.0 hours lecture
This class offers a survey and analysis of diverse literary texts across the world. Students examine how literature shapes and reflects the human experience as well as global struggles over power, identity, and language. Students learn to use different theoretical lenses to interpret critically the historical, political, social, psychological, philosophical, aesthetic, and cultural aspects of literature from Africa, the Middle East, South and East Asia, the Caribbean, Oceania, Latin America, and Europe. Primary texts consist of fiction, graphic literature, poetry, drama, creative nonfiction, and film. (CSU/UC)(AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ENGL-277
Literary Theme **3 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in English C1000.
3.0 hours lecture
Course provides in-depth study of a theme in literature. Readings selected will cover a breadth of literature representative of a major theme (e.g., Images of War, Isolation/Exile, Coming of Age, or Diversity) in addition to at least one secondary work focusing on the literature. Oral and written discussion of such readings and their relevance to the period will be emphasized. (CSU) (AA/AS-3)

Common Course Numbering:

ENGL-C1000 Academic Reading and Writing and ENGL-C1001 Critical Thinking and Writing are part of Common Course Numbering. For more information, please visit the Grossmont-Cuyamaca Common Course Numbering Webpage.

English as a Second Language (ESL)

ESL-078
Introduction to Listening in English - Credit **6 UNITS**
6.0 hours lecture
ESL 078 is an English language course that introduces spoken English to those who have had little or no exposure to the English language. This course utilizes the 700 most frequent words in the English language in input-based, meaningful tasks that make language comprehensible through non-linguistic means with a lot of repetition and recycling of language. Students interact with the language in meaningful and engaging ways, with communicatively embedded comprehensible input, acquiring the language at the Intermediate Low level according to the ACTFL proficiency guidelines with no explicit grammar instruction. Students will engage with and respond to the language, but they are not required to produce spontaneous speech at this level. Students are encouraged to take ESL 078R concurrently and before taking ESL 088. This course is offered on a Pass/No Pass basis only.

ESL-078NC
Introduction to Listening in English - Non-Credit **0 UNITS**
6.0 hours lecture
ESL 078 is an English language course that introduces spoken English to those who have had little or no exposure to the English language. This course utilizes the 700 most frequent words in the English language in input-based, meaningful tasks that make language comprehensible through non-linguistic means with a lot of repetition and recycling of language. Students interact with the language in meaningful and engaging ways, with communicatively embedded comprehensible input, acquiring the language at the Intermediate Low level according to the ACTFL proficiency guidelines with no explicit grammar instruction. Students will engage with and respond to the language, but they are not required to produce spontaneous speech at this level. Students are encouraged to take ESL 078R concurrently and before taking ESL 088. This course is offered on a Pass/No Pass basis only. (nondegree credit or non-credit course).

ESL-078R
Introduction to Reading in English - Credit **6 UNITS**
6.0 hours lecture
ESL 078R is an English language course that introduces English reading to those who have had little or no exposure to the English language. This course utilizes the 700 most frequent words in the English language in discussion as well as books that are specifically designed based on comprehensible input so that students with no prior knowledge of English can begin reading on the first day. This course aims to help students develop reading skills in English at the Intermediate Low level according to the ACTFL proficiency guidelines while learning frequent vocabulary. Students will interact with the texts in meaningful and engaging ways, with communicatively embedded comprehensible input, but they are not required to produce spontaneous language at this level. Students are encouraged to take ESL 078 concurrently or before taking ESL 088. This course is offered on a Pass/No Pass basis only.

ESL-078RNC
Introduction to Reading in English - Non-Credit **0 UNITS**
6.0 hours lecture
ESL 078R is an English language course that introduces English reading to those who have had little or no exposure to the English language. This course utilizes the 700 most frequent words in the English language in discussion as well as books that are specifically designed based on comprehensible input so that students with no prior knowledge of English can begin reading on the first day. This course aims to help students develop reading skills in English at the Intermediate Low level according to the ACTFL proficiency guidelines while learning frequent vocabulary. Students will interact with the texts in meaningful and engaging ways, with communicatively embedded comprehensible input, but they are not required to produce spontaneous language at this level. Students are encouraged to take ESL 078 concurrently or before taking ESL 088. This course is offered on a Pass/No Pass basis only. (nondegree credit or non-credit course)

ESL-088
Literacy and Communication **6 UNITS**
Prerequisite: "Pass" grade in ESL 078 (credit or non-credit) and 078R (credit or non-credit), or advisory placement in ESL 088 or equivalent.
6.0 hours lecture
This is an English language development course for non-native speakers of English at the beginning level. Students learn basic reading, writing, and grammar skills through the exploration of genre-based thematic units. Students will become aware of audience and purpose, and will develop an understanding of college culture necessary for academic success. Students will also grow in their cultural competence as they examine texts and media and interact with peers and instructors in a multicultural classroom setting. This course is offered on a Pass/No Pass basis only. (Nondegree credit course)

ESL-088L
Understanding and Speaking American English in College and Everyday Life **3 UNITS**
Prerequisite: "Pass" grade in ESL 078 (credit or non-credit), and ESL 078R (credit or non-credit), or advisory placement in ESL 088 or equivalent.
3.0 hours lecture
ESL 088L is a beginning-level course designed to improve the listening and speaking skills needed for cross-cultural understanding and successful interaction in college and everyday life. Listening comprehension of American English is improved through guided practice in a variety of genres, including class lectures, video and live presentations, interviews and conversations. Students increase accuracy and fluency in their spoken communication as they improve their pronunciation and intonation. Both listening and speaking skills are greatly enhanced through the learning of grammar and vocabulary. Additionally, students grow in their cultural competence as they examine texts and media and interact with peers and the instructor in a multicultural class. This course is offered on a Pass/No Pass basis only. (Nondegree credit course)

ESL-088R
Reading and Vocabulary for College and Everyday Life **3 UNITS**
Prerequisite: "Pass" grade in ESL 078 (credit or non-credit), and ESL 078R (credit or non-credit), or advisory placement in ESL 088 or equivalent.
3.0 hours lecture
This reading course is designed to develop ESL students' vocabulary and reading through the exploration of genre-based thematic units. This course aims to help students improve their reading skills and to expand their understanding and use of vocabulary. Additionally, students will grow in their cultural competence as they examine texts and media and interact with peers and instructors in a multicultural classroom setting. This course is offered on a Pass/No Pass basis only. (Nondegree credit course)

ESL-098
Introduction to Academic English **6 UNITS**
Prerequisite: "Pass" grade in ESL 088 and ESL 088L and ESL 088R or advisory placement in ESL 098 or equivalent.
6.0 hours lecture
ESL 098 is an English language development course for non-native speakers of English at the intermediate level. The course further develops the skills taught in ESL 088. The class focuses on the improvement of writing in several genres in conjunction with the development of reading, listening, speaking, and grammar skills. Reading and listening are presented in thematic units and serve as sources for students to compose informative writing with increased knowledge and effective use of new vocabulary. Readings also serve as model genres to help students learn to write using common features to convey specific kinds of information. In addition, students will become more aware of audience and purpose in writing, and they will grow in their cultural competence as they analyze text and media and interact with others in a multicultural class setting. This course is offered on a Pass/No Pass basis only. (Nondegree credit course)

ESL-098G
Essential Grammar for Written and Spoken Communication **3 UNITS**
Prerequisite: "Pass" grade in ESL 088 and ESL 088L and ESL 088R or advisory placement in ESL 098 or equivalent.
3.0 hours lecture
ESL 098G is a course on the essentials of English grammar needed to increase accuracy and fluency in communication. The course is designed specifically for non-native speakers of English at the intermediate level to increase their appreciation for the importance of accurate grammar in their language use. Students will learn the systems of grammar that shape language and apply those rules in their written and spoken communication on various genres. Course assignments will serve to build and reinforce students' ability to use English grammar to convey intended meaning correctly and effectively in interpersonal, intercultural, and academic discourse. This course is offered on a Pass/No Pass basis only. (Nondegree credit course)

ESL-098R
Reading and Vocabulary for Everyday Life II **3 UNITS**
Prerequisite: "Pass" grade in ESL 088 and ESL 088L and ESL 088R or advisory placement in ESL 098 or equivalent.
3.0 hours lecture
This intermediate-level reading course will help students improve their reading skills and expand their understanding and use of vocabulary, as well as their general English proficiency. Additionally, students will grow in their cultural competence as they examine texts and interact with peers and instructors in a multicultural classroom setting. This course is offered on a Pass/No Pass basis only. (Non-degree credit course).

ESL-105
Rhetoric for Academic Success **6 UNITS**
Prerequisite: "Pass" grade in ESL 098 and ESL 098P and ESL 098G or advisory placement in ESL 105 or equivalent.
6.0 hours lecture
ESL 105 is an English language development course for non-native speakers of English at the advanced level. This course further develops the skills taught in ESL 098 including academic and non-academic reading, writing, listening, speaking and grammar skills through the exploration of genre-based thematic units. Students will examine the features of a variety of texts in authentic and adapted form in order to develop genre awareness and apply this knowledge to new reading and writing opportunities. Students will read and analyze authentic and adapted texts as models for their own writing and speaking practice. Students will expand their cultural competence as they analyze texts and engage in cross-cultural communication with instructor and peers.

ESL-115
Exploring U.S. Cultures **6 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ESL 105 or advisory placement in ESL 115 or equivalent.
6.0 hours lecture
ESL 115 explores themes in U.S. cultures through authentic texts, introducing and modeling diverse voices contributing to the cultural conversations of the moment and since time immemorial. Non-native speakers of English in this advanced English language course learn to become active members in a diverse and democratic society while sharing their experiences to contribute to the dialogue. Students learn about U.S. cultures, the cultures of their classmates, and reflect upon their own culture and the interplay between these, while effectively collaborating with others in a multicultural classroom. Students create texts in several genres to explore themes in U.S. culture, such as racism, consumerism, and media, to diverse audiences for various purposes. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ESL-122
College Rhetoric **6 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ESL 115 or advisory placement in ESL 122 or equivalent.
6.0 hours lecture
ESL 122 is the transfer-level English course for non-native speakers designed to enhance critical reading, writing, listening, and speaking through academic inquiry across the disciplines. Based on thematic modules, students analyze and evaluate a variety of texts in response to particular audiences and purposes. Students compose expository and argumentative academic papers and oral presentations, including an extended argument, which synthesized, integrates, and acknowledges multiple sources. Students expand their cultural competence as they analyze text and media on contemporary issues and engage in meaningful dialogue with the instructor, peers, and target audience. They employ effective strategies for producing writing that reflects accuracy and fluency. (C-ID ENGL 100) (CSU/UC) (AA/AS-1A, CSU-A2, IGETC-1A, Cal-GETC-1A)

Ethnic Studies (ETHN)

ETHN-107
History of Race & Ethnicity in the United States **3 UNITS**
3.0 hours lecture
An introduction to the social, cultural, and historical experiences of racial and ethnic groups and their roles in shaping in the United States. Focus will be on migration, colonization, racialization, racism, and discrimination, assimilation and resistance and agency, social stratification, liberation movements, and the intersection of racial, ethnic, gender, and sexual identities as they relate to African Americans, Asian Americans, Latinas/os/x, and Native Americans. Also listed as HIST 107. Not open to students with credit in HIST 107. (CSU/UC) (AA/AS-4, CSU-D,F, IGETC-4,7, Cal-GETC-4,6)

ETHN-114
Introduction to Race & Ethnicity **3 UNITS**
3.0 hours lecture
An introduction to the sociological analysis of ethnicity, race, and immigration in the United States. Topics include the history of racialized and minoritized groups in the United States, patterns of interaction between racial and ethnic groups, colonialism, immigration, identity formation, prejudice, discrimination, ethnocentrism, racism, institutional racism, social movements for civil rights, liberation and decolonization, and the intersection of race and ethnicity with other forms of difference. Also listed as SOC 114. Not open to students with credit in SOC 114. (C-ID SOCI 150) (CSU/UC) (AA/AS-4, CSU-D,F, IGETC-4,7, Cal-GETC-4,6)

ETHN-115
Introduction to Cultural Competence **3 UNITS**
3.0 hours lecture
Achieving cultural competency is a process, and this course provides a framework to begin critical reflection, knowledge acquisition, dialogue and best practices that lead to cultural competence over time. Students begin their work toward cultural competency. Students gain skills to effectively interact with people of diverse cultures, languages, socio-economic classes, races, ethnic backgrounds, religions, sexual and gender orientations, special needs and other social identities. The course explores attitudes, behavior, institutions and policies. It examines privilege and oppression, intersectionality of identities, various groups' barriers to equal access and opportunity, and how cultural competence moves people and institutions toward practices of inclusiveness. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ETHN-118
U.S. History: Chicano/Chicana Perspectives I **3 UNITS**
3.0 hours lecture
This course is designed to explore the role and development of the Chicana/o (Mexican American) people in the history of the United States. It examines United States history with emphasis on institutions and ideals, beginning with pre-Colombian Meso-America to the Mexican-American War (1848). Social, economic, political and cultural events are covered with attention to Mexican/Chicana/o people in the United States. The Constitution of the United States and the operation of representative government are studied with special emphasis on the impact and effects of U.S.-Mexico relations and their people. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ETHN-119
U.S. History: Chicano/Chicana Perspective II **3 UNITS**
3.0 hours lecture
This course is designed to explore the role and development of the Chicana/o (Mexican American) people in the history of the United States. Beginning with the Mexican-American War (1848) to the present period, institutions and ideals of the United States history are examined, with emphasis on the social economic, political and cultural implications to Chicana/o people in the United States. The U.S. Constitution, operation of representative government, and developments in California state and local government are studied with special emphasis on the impact and effects on Chicana/o's. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ETHN-125
Cross-Cultural Psychology **3 UNITS**
3.0 hours lecture
An introduction to theories and research findings regarding cultural influences on human behavior and cognitive processes (life-span development, abnormal behavior and mental health, drug use, self-concept, emotion, social behavior, perception, learning, intelligence, and memory). By providing students with a non-judgmental understanding of how culture influences human behavior, this course will make them more equipped to interact in a world where there is increasing contact among different cultures. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ETHN-126
Chicano/Chicana and Mexican Art **3 UNITS**
3.0 hours lecture
Comprehensive overview of the major influences and themes in Chicana/o art from its emergence in the 1960s to the beginning of the 21st century. Emphasis is placed on the historical (including pre-Columbian and Mexican), social, political and cultural context of the Chicana/o Movement and murals, prints, sculpture, literature, and performance. (CSU/UC) (AA/AS-4, CSU-C1, IGETC-3A, Cal-GETC-3A)

ETHN-127
La Chicana **3 UNITS**
3.0 hours lecture
A study of Chicanas/Latinas through the written and visual images conveyed by Chicanas/Latinas and non-Chicanas/non-Latinas over time. Myths about Chicanas/Latinas are examined in a variety of contexts. Attention will be given to the evolution of the literary, visual, cultural, political and socio-economic experience of Chicanas and Latinas. (CSU/UC) (AA/AS-4, CSU-D,E, IGETC-4, Cal-GETC-4)

ETHN-128
Introduction to Chicana/o Studies **3 UNITS**
3.0 hours lecture
This course is an introduction to Mexicana/o-Chicana/o culture and identity in the United States viewed through the lens of the origins, evolution, and current status of Chicana/o studies. Explores the research, theories, methods and debates in, and impact of, the field. Examines current intellectual trends, scholar activism, societal developments and the issues affecting Mexicana/o-Chicana/o communities. The course is taught from a multidisciplinary approach using the scholarship of Chicano Studies, the social sciences, visual arts, drama, history, literature, and music. (CSU/UC) (AA/AS-4, CSU-D,E, IGETC-4, Cal-GETC-4)

ETHN-130
U.S. History and Cultures: Native American Perspectives I **3 UNITS**
3.0 hours lecture
This course covers the social, political, cultural, economic and intellectual history of indigenous people in North America from pre-history to pre-Civil War in United States. Native experiences are placed in the context of the evolution of diverse native nations, within the growth of the U.S., and within the development of American institutions and ideals. California and San Diego County nations are highlighted, as is the origins of the U.S. Constitution and its evolving interpretation in the courts regarding native nations. (CSU/UC) (AA/AS-4, CSU-D,E, IGETC-4, Cal-GETC-4)

ETHN-131
U.S. History and Cultures: Native American Perspectives II **3 UNITS**
3.0 hours lecture
An historical survey of the indigenous peoples of the North American Continent from the period of 1850 to the present. Attention will be given to contemporary, historical, political, and socio-economic issues affecting the American Indian nationwide, statewide, and locally. Indian perspectives of native and nonnative cultures will be included. The Federal and State Constitutions are studied with special emphasis on the effects and influence of the Indian culture and society. Particular attention is given to political philosophies and the impact of legislation on Indian culture and society. (CSU/UC) (AA/AS-4, CSU-D,E, IGETC-4, Cal-GETC-4)

ETHN-134
Introduction to American Indian Art **3 UNITS**
3.0 hours lecture
The study of prehistoric, historic and modern creative art forms of American Indians. This course investigates the origins of American Indian art from rock paintings to contemporary artists and artisans. The class compares and contrasts art forms said to be Native American in content and Native American artists creating contemporary art in European-based art forms. American Indian art is explored within the context of American Indian Studies--from legal, cultural, anthropological, and fine arts perspectives and as a means of adaptation and resistance to colonialization and government policies. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

ETHN-135
San Diego County American Indian Tribes **3 UNITS**
3.0 hours lecture
This course discusses the cultural complexity of indigenous San Diego County Indians, spanning geographically from the ocean to the mountains and desert. San Diego County has 18 Indian Reservations, more than any county in the United States. The course examines pre-contact, migration/relocation patterns, present day reservations, and an in-depth study of the dominant Hokan speakers (Kumeyaay-Diegueño) and of the three groups of Uto-Aztecan speakers (Luiseño, Cahuilla and Cupeño). The history of these groups includes the Spanish, Mexican, and American periods resulting in forced removals and loss of traditional territories and altered traditions. Also covered is each group's origins, traditional songs, oral tradition, religious practices, foods, family patterns, and how they have survived and maintained their language, arts and culture. The course evaluates how the tribes shaped ancient and modern San Diego, including the socio-economic and political importance of gaming tribes and sovereignty. (CSU/UC) (AA/AS-4, CSU-C2,D, IGETC-3B,4, Cal-GETC-3B,4)

ETHN-137
American Indian Culture and Heritage **3 UNITS**
3.0 hours lecture
An in-depth analysis and discussion of American Indian cultural development as influenced by native and non-native traditions and influences. This course will examine the ways in which American Indians view the world, their place in it, and their responsibilities to it within an ethno-environmental context. Emphasis is placed on tribal and family relationships and social adjustments made by individuals. Analyzes the influence of these traditions on non-Indian cultures and philosophy, sociopolitics, science, religion, and the arts. Deals with the ongoing adaptability and endurance of American Indian traditions and customs given the changing conditions or legal requirements of the times. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ETHN-138
The History and Cultures of California Indians **3 UNITS**
3.0 hours lecture
Historical overview of California native people and their timeless cultural elements. Included are an investigation into pre-European contact cultures and the subsequent impact of Spanish Missions and Anglo-American colonialism and institutions and values. With over 100 federally recognized California tribes, examples comprise diverse peoples in Northern, Central, and Southern California, including language survival and cultural revitalization. Included are the impact of tribes on the economy today, culture and politics of state-Native relations, significance to tribes and their neighbors of gaming, and myths vs. realities of Native life and culture. (CSU/UC) (AA/AS-4, CSU-D, IGETC-3B, Cal-GETC-3B)

ETHN-143
Images of Black Women **3 UNITS**
3.0 hours lecture
An intersectional study of Black women in the U.S., using literature, womanist theory, the arts, and media, produced by and about Black women. Explores the intersections of gender, race, and socio-economic class in Black women's identity and experiences. Themes include power and resistance, political activism, family and culture, cultural representations and stereotypes, and the interplay of social processes on the development of Black womanist identity. (CSU/UC) (AA/AS-4, CSU-C2,D, IGETC-3B,4, Cal-GETC-3B,4)

ETHN-144
Communication Studies: Race and Ethnicity **3 UNITS**
3.0 hours lecture
This course provides both a theoretical and a practical exploration of communication, race, and ethnicity in the general context of U.S. culture, with a focus on race and ethnicity in popular culture and the arts. Attention is given to how contemporary and historical constructions of race and ethnicity influence both popular and everyday communication interactions. Emphasis is on developing communication competence in situations where perceived racial or ethnic difference factors into successful communication outcomes. (CSU/UC) (AA/AS-4, CSU-C2,D, IGETC-3B,4, Cal-GETC-3B,4)

ETHN-145
Introduction to Black Studies **3 UNITS**
3.0 hours lecture
This course is an overview of Black Studies, including origins of the discipline and general knowledge of Black experiences. Emphasis will be on the development of African American Studies and its frameworks such as Afrocentricity and intersectionality, contributions and creations from the Black community, structural impacts on the community, and historical and contemporary issues through struggle and resistance. (CSU/UC) (AA/AS-D, CSU-D, IGETC-4)

ETHN-150
Latinx Communities in the United States **3 UNITS**
3.0 hours lecture
An introduction to the Latina/Latino through sociological examination of Latinx/Hispanic communities in the United States. Topics include the racialization process of Latinx communities in the U.S. and the role of imperialism, white supremacy, eurocentrism, decolonization and liberation struggles played in the identity formation and social experience of Latinx people. This course examines current family structure, gender roles and sexuality; religion; economics; individual and institutional racism; U.S./Mexico border issues and immigration policy; and education. Focus is on the intersectionality of race/ethnicity with other forms of difference. Emphasis is placed on social movements geared towards anti-racism, resistance, and struggle for social justice by Latinx communities. Also listed as SOC 150. Not open to students with credit in SOC 150. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ETHN-160
U.S. History: Asian American and Pacific Island American Perspectives I **3 UNITS**
3.0 hours lecture
This course is a cultural and historical analysis of the Asian American and Pacific Island experience from pre-colonial/pre-migration communities of Asia and the Pacific Islands, through immigration and contact with American colonial societies, and through the formation of the US and imperial expansion of the mid-1800s. This class explores the social, political, economic, and cultural factors encountered by populations loosely grouped as Asian and Pacific Islanders. Emphasis is placed, but is not limited to, Japanese, Filipino, Korean, Chinese, Asian Indian, Pacific Islander, and Southern Asian experiences. Such experiences include immigration, diaspora, return, identity, ethnicity and ethnocentrism, race, racism, and race relations, community development, traditional values, identity formation in the context of Euro-centric US cultures, sexuality and gender, U.S. policies, and issues of resistance, colonization, decolonization, and anti-colonialism. An analysis of the Asian American and Pacific Island American perspective on cultural roots, immigration, accommodation and resistance, and settlement patterns, labor, legal, political, and social history within the context of the US Constitution and the political philosophy of its framers. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ETHN-161
U.S. History: Asian American and Pacific Island American Perspectives II **3 UNITS**
3.0 hours lecture
This course provides an introduction to the history and culture of Asians and Pacific Islanders in the United States from the mid-19th century to the beginning of the 21st century. Drawing from a range of interdisciplinary approaches and sources, the course explores the importance of the Asian American and Pacific Island American experience to U.S. history while also giving due consideration to the global and international forces that shaped it. In doing so, it probes the varied experiences of people identified as "Asian Americans," and "Pacific Island Americans," examining what those identities mean and how that had changed over time. The experience of Asian Americans and Pacific Islanders will inform the analysis of broader themes including migration, diaspora, return, gender, race and racism, labor, citizenship, community, resistance and self-determination, identity formation, war, anti-colonialism, de-colonialism, and imperialism, and transnationalism. The course introduces the major themes and basic chronology of Asian American and Pacific Island American history while providing a critical perspective on the conventional narrative American history. The course analyzes the Asian American and Pacific Island American past within a context of power relations, especially hierarchies of race, gender, and class and examines the continuities and discontinuities between the past and present. Emphasis is placed on Filipino Americans, Chinese Americans, Japanese Americans, Asian Indian Americans, Korean Americans, Pacific Island Americans, and Southeast Asian Americans. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ETHN-180
U.S. History: Black Perspectives I **3 UNITS**
3.0 hours lecture
A survey of United States history from colonial times through the Civil War from the perspective and experiences of African-Americans. The course begins with the historical backdrop of African peoples in continental Africa and the trace their story through early modern European contact, slave trade, enslavement in the Americas, colonial America, the revolutionary and Constitutional era, the early Republic, participation in American institutions, sectional issues between North and South over slavery, the Civil War and emancipation. Examines the contradictions, paradoxes and constitutional challenges of the American experiment of freedom alongside the institution of slavery. Explores the political, social, economic, legalistic, cultural, spiritual, literary and artistic life of African-Americans during this historical period. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ETHN-181
U.S. History: Black Perspectives II **3 UNITS**
3.0 hours lecture
A survey of United States history from Reconstruction to the present seen from the perspective and experience of African-Americans. The course begins with the emancipation of slaves and Reconstruction and then traces the African-American experience through modern American history. Topics include developments in California, Reconstruction, Jim Crow South, late 19th century, pre-WWI and the Progressive Era, WWI and the Roaring 20s, Depression Era, WWII and the home front, post-WWII era and segregation, Civil Rights Era, struggles of the 1960s and 1970s, late 20th century and 21st -century issues. Course also explores the contradictions, paradoxes and constitutional challenges, both federal and in California, of the American experiment of equality alongside racial segregation and injustices. The course also explores the political, social, economic, legalistic, cultural, spiritual, literary and artistic life of African-Americans during modern American history. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

ETHN-194
Community Service Learning Experience **1 UNITS**
Community Service Learning Experience (CSLE) is a community outreach program which promotes the national agenda of volunteer engagement. The purpose is to provide students the opportunity to explore options and careers in a selected area of study. (CSU) 54 hours paid or unpaid work experience per semester.

ETHN-201
The War on Drugs & Bipoc Communities **3 UNITS**
3.0 hours lecture
An overview of the role of the War on Drugs and its effect on Black, Latinx, Asian, Indigenous, and immigrant communities within the United States. Students will explore intra- and inter-community responses, and the criminalization of drug use rather than its role as a public health crisis. Students will critically engage with the ethnography behind the War on Drugs and consider its role in the larger ethnic studies scholarship of traditionally marginalized groups.

ETHN-236
Chicana/o Literature **3 UNITS**
3.0 hours lecture
This course is a survey of colonial, post-colonial, and contemporary Chicano/Chicana literature. Literary works originally written in English and the Chicano/a bilingual idiom as well as English translations of works written in Spanish will be taught. Reading selections may consist of poetry, ballads, short stories, novels, plays, and nonfiction prose. Students analyze the literature and apply critical theory to describe critical events in the histories, cultures, and intellectual and literary traditions, with special focus on the lived experiences, social struggles, and contributions of Latino/a Americans in the United States. Note: Also listed as ENGL 236. Not open to students with credit in ENGL 236. (CSU/UC) (AA/AS-3, CSU-C2,F, IGETC-3B,7, Cal-GETC-3B,6)

ETHN-237
American Indian Literature **3 UNITS**
3.0 hours lecture
A survey and literary analysis of American Indian literature; folk, creation and origin stories, legends, and poetry from the oral tradition to contemporary American Indian authors. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ETHN-238
Black Literature **3 UNITS**
3.0 hours lecture
This course introduces students to a survey of Black literature, focusing on the early oral tradition, literature of slavery and freedom, the Harlem Renaissance, Modernism, the Black Arts Era, and the contemporary period. Reading selections may consist of poetry, short stories, plays, novels, and nonfiction prose, including essays, letters, political tracts, autobiographies, speeches, and sermons. Students analyze the literature and apply critical theory to describe critical events in the histories, cultures, and intellectual and literary traditions, with special focus on the lived experiences, social struggles, and contributions of African Americans in the United States. Note: Also listed as ENGL 238. Not open to students with credit in ENGL 238. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

ETHN-239
Asian American Literature **3 UNITS**
3.0 hours lecture
This course in Asian American Literature will include poetry, ballads, short stories, novels, plays, and nonfiction prose. "Asian" is a broad category that includes, but is not limited to, persons who trace their roots to at least China, Japan, Korea, Burma (or Myanmar), Vietnam, Malaysia, Indonesia, the Philippines, Hawai'i, the Pacific Islands, Cambodia, Laos, Thailand, India, Bangladesh, or Pakistan. Historically, industrialization, technological development, and a rejection of tradition have invoked ideologies of the "Oriental other," "the Yellow Peril," and the "model minority." But the literary works herein challenge such narratives and set the stage to examine an age marked by migration, war, imperialism, (neo)colonialism, and globalization. Students will be invited to read and discuss a variety of texts that represent Asia and the Pacific Islands during and after World War II, and that challenge ideas about the past and present, the traditional and the modern, and "the West" and "the East." Students will analyze the literature and apply critical theory to describe events in the histories, cultures, and intellectual and literary traditions, with special focus on the lived experiences, social struggles, and contributions of Asian Americans, Native Hawai'ians, and Pacific Islander Americans in the United States. Note: Also listed as ENGL 239. Not open to students with credit in ENGL 239. (CSU/UC)(AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

Exercise Science (ES)

Students should progress from Beginning to Intermediate and to Advanced levels in the courses that have an "ABC" designation to facilitate success. Students should not move backward in levels. The only courses that may be repeated are the Intercollegiate Athletic courses numbered 200-240, 262, and 263, which may be taken four (4) times maximum. No other Exercise Science course may be repeated for credit.

Adapted Exercise Science courses 001, 002, 003, 029, 030, 035, and 041 have been designed to meet the needs of the students participating in the Disabled Students Program. For other course offerings related to the Disabled Students Program, see Personal Development-Special Services.

ES-001
Adapted Physical Exercise **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course is designed to develop various components of physical fitness for students with verified disabilities. Physical assessment, appropriate exercise equipment and personalized exercise program will be prescribed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-002
Advanced Adapted Physical Exercise **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 001 or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Advanced physical exercise course designed for students with verified disabilities. Emphasis placed on muscular fitness through resistance exercises. Physical assessment, appropriate exercise equipment and personalized prescribed weight training programs will be developed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.(CSU/UC) (AA/AS-7B)

ES-003
Adaptive Aerobic Fitness **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course is designed to provide a fitness exercise program for students with verified disabilities. Includes methods of strength attainment and flexibility training, with emphasis on aerobic conditioning. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-004A
Beginning Fitness for the Newcomer **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course is designed to provide a beginning level of a personalized total body fitness program for individuals who are tentative or deficient in physical fitness skills. This course is intended for the student who is not ready to participate in a regular fitness class, but is not in need of a truly adapted fitness class. Instruction will include the development of a basic level of cardiovascular endurance, muscular strength, muscular endurance, flexibility, body composition, core strength, balance and equipment use. Direction will include introductory recommendations necessary to personalize an exercise program to meet individual conditions, limitations and special needs. Influences of nutrition, as well as health concerns, injury prevention and life-long health and wellness will be included. (CSU/UC) (AA/AS-7B)

ES-004B
Intermediate Fitness for the Newcomer **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 004A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
This course is a continuation of ES 004A which is designed to provide a personalized total body fitness program for individuals who are tentative or deficient in physical fitness skills. This course is intended for the student who is not ready to participate in a regular fitness class, but is not in need of a truly adapted fitness class. Instruction will include the development of an intermediate level of cardiovascular endurance, muscular strength, muscular endurance, flexibility, body composition, core strength, balance and equipment use. Direction will include relatively complex recommendations necessary to personalize an exercise program to meet individual conditions, limitations and special needs. Influences of nutrition, as well as health concerns, injury prevention and life-long health and wellness will be included. (CSU) (AA/AS-7B)

ES-004C
Advanced Fitness for the Newcomer **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 004B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
This course is a continuation of ES 004B which is designed to provide a personalized total body fitness program for individuals who are tentative or deficient in physical fitness skills. This course is intended for the student who is not ready to participate in a regular fitness class, but is not in need of a truly adapted fitness class. Instruction will include the development of an advanced level of cardiovascular endurance, muscular strength, muscular endurance, flexibility, body composition, core strength, balance and equipment use. Direction will include detailed recommendations necessary to personalize an exercise program to meet individual conditions, limitations and special needs. Influences of nutrition, as well as health concerns, injury prevention and life-long health and wellness will be included. (CSU) (AA/AS-7B)

ES-005A
Beginning Cardio Fitness and Resistance Training **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
This course is designed to provide a beginning level fitness experience to develop the key components of health-related physical fitness: cardiorespiratory endurance, muscular strength and muscle endurance, body composition, and flexibility. Emphasis will be placed on the latest scientific theories for cardiorespiratory exercises and correct lifting techniques of resistance training. The students will develop a personalized cardiorespiratory endurance, muscular strength, muscular endurance, and flexibility program. Students will also learn the fundamental principles of physical fitness and their impact on a life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-005B
Intermediate Cardio Fitness and Resistance Training 1.5 UNITS
Recommended Preparation: "C" grade or higher or "Pass" in ES 005A or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
A continuation of ES 005A emphasizing the development and model of an intermediate level of cardio-respiratory fitness and resistance training. Students will complete more physical challenging activities to achieve an intermediate level of cardio-respiratory endurance, muscular strength/endurance, body composition and flexibility. Exercise theories, training methods, nutritional influences on exercise and body composition, and injury prevention/treatment will be presented. A wide range of cardiovascular activities and resistance training equipment are utilized. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-005C
Advanced Cardio Fitness and Resistance Training 1.5 UNITS
Recommended Preparation: "C" grade or higher or "Pass" in ES 005B or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
A continuation of ES 005B emphasizing the formulation and design of an advanced level of cardiorespiratory fitness and resistance training. Students will complete more physical challenging activities to achieve an advanced level of cardiovascular endurance, muscular strength/endurance, body composition, and flexibility. Exercise theories, training methods, nutritional influences on exercise and body composition, and injury prevention/treatment will be presented. A wide range of cardiovascular activities and resistance training equipment are utilized. Students will also learn the fundamental principles of physical fitness and their impact on a life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-006A
Beginning Fitness Circuit 1 UNITS
1.0 hours lecture, 1.0 hours laboratory
This course is designed to provide a full body workout that mixes aerobic and resistance training in a circuit format. utilizing of variable resistance machines, free weights, indoor cycling bikes, and other modes of aerobic training. The circuit involves a personalized workload which allows students to progress at their own rate while alternating between resistance machines/free weights, and indoor cycling bicycles or other aerobic activities. Fitness training principles to improve the components of fitness (cardiorespiratory endurance, muscular strength, muscular endurance, flexibility, and body composition) are presented with a focus on proper form. In addition, students will explore nutrition and disease-prevention to assist in creating a healthy lifestyle. (CSU/UC) (AA/AS-7B)

ES-006B
Intermediate Fitness Circuit 1 UNITS
Recommended Preparation: "C" grade or higher or "Pass" in ES 006A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 006A emphasizing the development of an intermediate level of circuit training. This course is designed to provide a full body workout that mixes aerobic and resistance training in a circuit format utilizing of variable resistance machines, free weights, indoor cycling bikes, and other modes of aerobic training. The circuit involves a personalized workload which allows students to progress at their own rate while alternating between resistance machines/free weights, and indoor cycling bicycles or other aerobic activities. Fitness training principles to improve the components of fitness (cardiorespiratory endurance, muscular strength, muscular endurance, flexibility, and body composition) are presented with a focus on proper form. In addition, students will explore nutrition and disease-prevention information to assist in creating a healthy lifestyle. (CSU/UC) (AA/AS-7B)

ES-006C
Advanced Fitness Circuit 1 UNITS
Recommended Preparation: "C" grade or higher or "Pass" in ES 006B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 006B emphasizing the development of an advanced level of circuit training. This course is designed to provide a full body workout that mixes aerobic and resistance training in a circuit format. utilizing of variable resistance machines, free weights, indoor cycling bikes, and other modes of aerobic training. The circuit involves a personalized workload which allows students to progress at their own rate while alternating between resistance machines/free weights, and indoor cycling bicycles or other aerobic activities. Fitness training principles to improve the components of fitness (cardiorespiratory endurance, muscular strength, muscular endurance, flexibility, and body composition) are presented with a focus on proper form. In addition, students will explore nutrition and disease-prevention information to assist in creating a healthy lifestyle. (CSU/UC) (AA/AS-7B)

ES-007A
Beginning Aerobic Walking for Fitness and Wellness 1.5 UNITS
1.0 hours lecture, 2.0 hours laboratory
Instruction and reinforcement in basic fitness walking techniques with a specific intent to develop cardiovascular fitness and endurance to a beginning level. Students will also analyze the impact of aerobic walking on other fitness parameters such as muscle endurance and body composition. Principles of physical fitness, conditioning and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-007B
Intermediate Aerobic Walking for Fitness and Wellness 1.5 UNITS
Recommended Preparation: "C" grade or higher or "Pass" in ES 007A or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
A continuation of ES 007A emphasizing intermediate level fitness walking techniques at moderate intensity to increase cardiovascular fitness and endurance to an intermediate level. Students will also analyze the impact of aerobic walking on other fitness parameters such as muscle endurance and body composition. Principles of physical fitness, conditioning and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-007C
Advanced Aerobic Walking for Fitness and Wellness **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 007B or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
A continuation of ES 007B emphasizing advanced level fitness walking techniques at high intensity and longer duration to increase cardiovascular fitness and endurance to an advanced level. Students will also analyze the impact of high intensity aerobic walking and increased duration on other fitness parameters such as muscle endurance and body composition. Principles of physical fitness, conditioning and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-008A
Beginning Indoor Cycling **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course is designed to provide a beginning level indoor cycling experience to develop the key components of health-related physical fitness: cardiorespiratory, endurance, muscular strength/endurance, body composition, and flexibility. The components of fitness will be met through structured individually paced indoor group cycling classes. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-008B
Intermediate Indoor Cycling **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 008A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 008A emphasizing the development of an intermediate level of indoor cycling. Students will complete physical challenging activities to achieve an intermediate level of cardiorespiratory endurance, muscular strength/endurance, body composition, and flexibility. Intermediate exercise theories will be met through structured indoor cycling methods and practices. Students will also interpret principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-008C
Advanced Indoor Cycling **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 008B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 008B emphasizing the development of advanced level of indoor cycling. Students will complete physical challenging activities to achieve an advanced level of cardiorespiratory endurance, muscular strength/endurance, body composition, and flexibility. Advanced exercise theories will be met through structured indoor cycling methods and practices. Students will also summarize principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-009A
Beginning Aerobic Dance Exercise **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Participation in aerobic dance exercise emphasizing the development of a basic level of conditioning of the musculoskeletal system, improvement of the cardiovascular system, increasing the efficiency of the respiratory system, and increasing flexibility. Beginning level movement patterns, routines and equipment will be used. Principles of physical fitness, conditioning, and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-009B
Intermediate Aerobic Dance Exercise **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 009A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 009A emphasizing the development of an intermediate level of conditioning of the musculoskeletal system, improvement of the cardiovascular system, increasing the efficiency of the respiratory system, and increasing flexibility. More complex movement patterns, routines and equipment will be used to increase intensity of exercise to achieve an increased level of fitness. Principles of physical fitness, conditioning, and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-009C
Advanced Aerobic Dance Exercise **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 009B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 009B emphasizing the development of an advanced level of conditioning of the musculoskeletal system, improvement of the cardiovascular system, increasing the efficiency of the respiratory system, and increasing flexibility. Highly complex movement patterns, routines and equipment will be used to increase intensity of exercise to achieve a superior level of fitness. Principles of physical fitness, conditioning, and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-016A
Beginning Trail Running **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This is a beginning trail running course where students will develop basic skills for trail running. This course gives students basic information and exposure to a variety of regional trails while teaching about trail navigation, etiquette, running strategies, nutrition, and the basic gear necessary for trail running. Principles of physical fitness, conditioning and other relevant health-related topics will also be covered. Students will also learn the fundamental principles of physical fitness and their impact on a life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-016B
Intermediate Trail Running **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 016A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 016A, this course provides instruction and practice to develop intermediate skills for trail running. This course gives students intermediate information and exposure to a variety of regional trails while teaching about trail navigation, etiquette, running strategies, nutrition, and the basic gear necessary for trail running. Principles of physical fitness, conditioning and other relevant health-related topics will also be covered. Students will also learn the fundamental principles of physical fitness and their impact on a life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-016C
Advanced Trail Running **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 016B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 016B, this course provides instruction and practice to develop advanced skills for trail running. This course gives students advanced information and exposure to a variety of regional trails while teaching about trail navigation, etiquette, running strategies, nutrition, and the basic gear necessary for trail running. Principles of physical fitness, conditioning and other relevant health-related topics will also be covered. Students will also learn the fundamental principles of physical fitness and their impact on a life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-017A
Beginning Trail Hiking **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course serves as an introduction to trail hiking and involves the exploration of local trails surrounding the campus. This activity class is designed to promote a higher level of fitness, and the basic knowledge sufficient to hike during leisure time in an outdoor environment. Major topics include: appropriate clothing and footwear, equipment, safety, exercise benefits and training principles, Leave No Trace outdoor ethics, navigation and enjoyment of outdoor exploration. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. This course requires the ability to walk outside on trails, which are often uneven surfaces, in all types of weather indicative of the San Diego climate. (CSU/UC) (AA/AS-7B)

ES-017B
Intermediate Trail Hiking **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 017A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 017A emphasizing the development of an intermediate level trail hiking. Students will complete more physically challenging hikes to achieve an intermediate level of fitness. Principles of physical fitness, conditioning, and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-017C
Advanced Trail Hiking **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 017B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 017B emphasizing the development of an advanced level trail hiking. Students will complete more physically and mentally challenging hikes to achieve an advanced level of fitness. Principles of physical fitness, conditioning, and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-021A
Beginning Fitness for Chronic Disease And Injury Prevention **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
This course is designed for physical activity and information to meet the needs of a population at risk for chronic disease or injury that potentially reduce the quality of life. Principles of physical fitness, conditioning, and other relevant health-related topics will be covered. Emphasis will be placed on the development of a basic level of preventive lifestyle practices that research has shown to reduce the chances of developing and/or severity of heart disease, osteoporosis, diabetes, stroke and other chronic diseases. This will include beginning level equipment use, movement and balance exercises. (CSU/UC) (AA/AS-7B)

ES-021B
Intermediate Fitness for Chronic Disease And Injury Prevention **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 021A or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
This course is a continuation of ES 021A providing physical activity and information to meet the needs of a population at risk for chronic disease or injury that potentially reduce the quality of life. Principles of physical fitness, conditioning, and other relevant health-related topics will be covered. Emphasis will be placed on the development of an intermediate level of preventive lifestyle practices that research has shown to reduce the chances of developing and/or severity of heart disease, osteoporosis, diabetes, stroke and other chronic diseases. This will include added complexity of equipment use, movement and balance exercises to achieve an increased level of fitness. (CSU/UC) (AA/AS-7B)

ES-021C
Advanced Fitness for Chronic Disease and Injury Prevention **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 021B or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
This course is a continuation of ES 021B providing physical activity and information to meet the needs of a population at risk for chronic disease or injury that potentially reduce the quality of life. Principles of physical fitness, conditioning, and other relevant health-related topics will be covered. Emphasis will be placed on the development of an advanced level of preventive lifestyle practices that research has shown to reduce the chances of developing and/or severity of heart disease, osteoporosis, diabetes, stroke and other chronic diseases. This will include added highly complex equipment use, movement and balance exercises to achieve an increased level of fitness. (CSU/UC) (AA/AS-7B)

ES-022
Total Body Conditioning **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This purpose of this course is to provide students with an exercise program designed to develop the key components of health-related physical fitness: cardiorespiratory endurance, muscular strength, muscular endurance, flexibility, and body composition. Emphasis will be placed on the latest scientific theories and conditioning modalities, and how to apply the principles to a home-based and lifelong conditioning program. Activities focus on a wide range of aerobic circuits, body weight activities, calisthenic-type exercises, and stability/mobility movements. In addition, students will explore nutrition principles and other factors for making healthy lifestyle choices. (CSU/UC) (AA/AS-7B)

ES-023A
Beginning Resistance Training **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course provides instruction and practice in resistance training with emphasis in beginning level use of resistance exercise machines, free weights, and other equipment. Emphasis will be placed on the latest scientific theories and correct lifting techniques of resistance training. The students will develop a personalized muscular strength, muscular endurance, and flexibility program. Students will also learn the fundamental principles of physical fitness and their impact on a life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-023B
Intermediate Resistance Training **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 023A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 023A, this course provides instruction and practice in resistance training with emphasis in intermediate level use of resistance exercise machines, free weights, and other equipment. Emphasis will be placed on the latest scientific theories and correct lifting techniques of resistance training. Students will develop a personalized intermediate level muscular strength, muscular endurance, and flexibility program. Students will also learn the fundamental principles of physical fitness and their impact on a life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-023C
Advanced Resistance Training **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 023B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 023B, this course provides instruction and practice in resistance training with emphasis in advanced level use of resistance exercise equipment. Emphasis will be placed on the latest scientific theories and correct lifting techniques of resistance training specifically for power and Olympic lifts and plyometrics. Students will develop a personalized muscular strength, muscular endurance, and flexibility program. Students will also learn the fundamental principles of physical fitness and their impact on a life-long health and wellness.

ES-024A
Beginning Fitness Boot Camp **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course presents a fast-paced, regimented-style exercise program designed at a beginning level that works the entire body through the use of calisthenics, running, body resistance training and agility drills designed to promote physical fitness and weight control. Using a variety of activities, emphasis will be placed on self-discipline, intensity, and goal-oriented basic exercise programming. The course will utilize numerous training modalities including cross-training, basic boxing, plyometrics, speed and agility, core stability, flexibility training as well as cardiovascular endurance. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-E)

ES-024B
Intermediate Fitness Boot Camp **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 024A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 024A emphasizing the development of an intermediate program of fast-paced, regimented style exercise that works the entire body through the use of calisthenics, running, body resistance training and agility drills designed to promote physical fitness and weight control. Using a variety of relatively complex and moderately intense activities, emphasis will be placed on self-discipline, intensity, and goal-oriented intermediate exercise programming. The course will utilize numerous training modalities including cross-training, basic boxing, plyometrics, speed and agility, core stability, flexibility training as well as cardiovascular endurance. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-024C
Advanced Fitness Boot Camp **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 024B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 024B emphasizing the development of an advanced program of fast-paced, regimented style exercise that works the entire body through the use of calisthenics, running, body resistance training and agility drills designed to promote physical fitness and weight control. Using a variety of highly intense activities having challenging complexity, emphasis will be placed on self-discipline, intensity, and goal-oriented advanced exercise programming. The course will utilize numerous training modalities including cross-training, basic boxing, plyometrics, speed and agility, core stability, flexibility training as well as cardiovascular endurance. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-026
Stress Reduction Through Movement and Mindfulness **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
The course serves as an introduction to stress-reduction practice with emphasis on developing mindfulness-based techniques to improve mind-body awareness. Students will participate in a variety of techniques and practical movement exercises that allow for in-depth personal exploration of awareness in everyday life. In addition, students will learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-027A
Beginning T'ai Chi Ch'uan **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course introduces the fundamental concepts of T'ai Chi Ch'uan. This ancient Chinese exercise form consists of a series of classical martial arts postures which gracefully flow together in slow motion. It benefits health and wellness by emphasizing mental tranquility, inner awareness, relaxation, stress reduction, muscle control and flexibility. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-027B
Intermediate T'ai Chi Ch'uan **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 027A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
This course introduces the intermediate concepts of T'ai Chi Ch'uan. This ancient Chinese exercise form consists of a series of classical martial arts postures which gracefully flow together in slow motion. It benefits health and wellness by emphasizing mental tranquility, inner awareness, relaxation, stress reduction, muscle control and flexibility. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-027C
Advanced T'ai Chi Ch'uan **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 027B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
This course introduces the advanced concepts of T'ai Chi Ch'uan. This ancient Chinese exercise form consists of a series of classical martial arts postures which gracefully flow together in slow motion. It benefits health and wellness by emphasizing mental tranquility, inner awareness, relaxation, stress reduction, muscle control and flexibility. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-028A
Beginning Yoga **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
This course is designed to help students increase flexibility and balance as well as practice relaxation and stress reduction through beginning Hatha Yoga techniques. The course will focus on safe, effective stretching, balance, stability of supporting muscle groups and breathing techniques. Discussion regarding history and the traditions of Hatha Yoga as well as stress reduction will take place. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-028B
Intermediate Yoga **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 028A or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
A continuation of ES 028A emphasizing the development of an intermediate level of flexibility and balance, as well as practice relaxation and stress reduction through Hatha Yoga techniques. The course will focus on safe, effective stretching, balance, stability of supporting muscle groups and breathing techniques. Intermediate poses and techniques will be introduced to increase flexibility, strength, balance, and deeper levels of stress reduction. Discussion of the history and traditions of Hatha Yoga and stress reduction methods will take place. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.(CSU/UC) (AA/AS-7B)

ES-028C
Advanced Yoga **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 028B or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
A continuation of ES 028B emphasizing the development of an advanced level of flexibility and balance, as well as the practice of relaxation and stress reduction through Hatha Yoga techniques. The course will focus on safe, effective stretching, balance, stability of supporting muscle groups and breathing techniques. Advanced poses and techniques will be introduced to increase flexibility, strength, balance, and deeper levels of stress reduction. Discussion of the history and traditions of Hatha Yoga will take place. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-029
Adapted Yoga **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course provides basic yoga skills and practice for students with verified disabilities. Emphasis on muscular endurance, balance, flexibility, relaxation and stress reduction through modified traditional yoga postures and stretches. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-030
Adaptive Aquatic Sports Education **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
A class for students with verified disabilities providing various aquatic sports and activities. This class is designed to offer the student experiences in competitive swimming, water polo, other aquatic games and conditioning exercises. Personalized programs will be designed and developed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-035
Adapted Swimming Limited **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course offers instruction and practice in basic swimming and aquatic skills for students with verified disabilities. Emphasis on cardiorespiratory and muscular endurance, stroke mechanics and water safety through a personalized aquatic program. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-037A
Beginning Springboard Diving **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 039 or equivalent or basic swimming/water safety skills.
1.0 hours lecture, 1.0 hours laboratory
Instruction and practice in beginning diving skills necessary to use the one meter and three meter diving boards with emphasis on board work, front and back approaches, front and back jumps, and front and back line-ups. Individuals enrolling in this class should have basic swimming skills. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-037B
Intermediate Springboard Diving **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 037A or equivalent or specified skill competencies; and a "C" grade or higher or "Pass" in ES 039 or equivalent or basic swimming/water safety skills.
1.0 hours lecture, 1.0 hours laboratory
Instruction and practice in the intermediate diving skills necessary to use the one meter board with emphasis on board work, front and back approaches, front and back jumps, and front and back line-ups. Individuals enrolling in this class should have beginning swimming skills. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-037C
Advanced Springboard Diving **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 037B or equivalent or specified skill competencies; and a "C" grade or higher or "Pass" in ES 039 or equivalent or basic swimming/water safety skills.
1.0 hours lecture, 1.0 hours laboratory
Instruction and practice in advanced diving skills necessary to use the one meter and three meter boards with emphasis on board work, front and back approaches, front and back jumps, and front and back line-ups. Individuals enrolling in this class should have basic swimming skills. Students will also learn the fundamental principles of physical fitness and their impact on life-long health.(CSU/UC) (AA/AS-7B)

ES-039
Swimming for Nonswimmers **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This class is for students who have a fear of the water and cannot swim or who are so deficient in basic aquatic skills that they would be unsafe in and around water. This class will aid students to become comfortable and safe in an aquatic environment. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-040A
Beginning Aquatic Fitness **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 039 or basic comfort level in and around an aquatic environment.
1.0 hours lecture, 1.0 hours laboratory
Instruction and practice in water aerobics exercise. An emphasis will be placed on the development of a basic level of conditioning in the areas of muscular strength and endurance, improvement and efficiency of the cardiovascular system, and improving body composition. Beginning level movement patterns in the water while using resistive and flotation equipment. Principles of physical fitness, conditioning, and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-040B
Intermediate Aquatic Fitness **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 040A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of aquatic fitness ES 040A. An emphasis will be placed on the development of an intermediate level of conditioning in the areas of muscular strength and endurance, improvement and efficiency of the cardiovascular system, and improving body composition. More intense intermediate level movement patterns in the water while using resistive and flotation equipment. Principles of physical fitness, conditioning, and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-040C
Advanced Aquatic Fitness **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 040B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of aquatic fitness ES 040B. An emphasis will be placed on the development of an advanced level of conditioning in the areas of muscular strength and endurance, improvement and efficiency of the cardiovascular system, and improving body composition. More intense advanced level movement patterns in the water while using resistive and flotation equipment. Principles of physical fitness, conditioning, and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-041
Adapted Water Aerobics **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
This class is designed to provide a personalized water exercise program for individuals with permanent or temporary limitations. Instruction and practice will include cardiovascular endurance, muscular endurance, flexibility, core strength and balance through an instructor-lead water aerobic class. Instruction will also include influences of basic nutrition, principles of physical fitness and life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-043A
Beginning Swimming **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 039 or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
This course is designed for students who have had little or no swimming experience. Instruction will focus on basic swimming strokes and skills for beginners. Strokes and skills to be covered include front crawl with rotational breathing, swimming proprioception, elementary backstroke, backstroke, sidestroke, breaststroke, comfort in the deep end of the pool, treading water, and basic dive entering. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-043B
Intermediate Swimming **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 043A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
This course is a continuation of ES 043A with instruction focusing on reinforcing swimming strokes and skills for beginners. Strokes and skills to be covered include front crawl with rotational breathing, swimming proprioception, elementary backstroke, backstroke, sidestroke, breaststroke, comfort in the deep end of the pool, treading water, and basic dive entering. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-043C
Advanced Swimming **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 043B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
This course is a continuation of ES 043B with instruction focusing on advanced swimming strokes and skills. Strokes and skills to be covered include front crawl with rotational breathing, backstroke, sidestroke, breaststroke, 50-meter lap swim, treading water, flip turns, and competitive dive entering. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-044A
Beginning Lap Swimming for Health and Fitness **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 039 or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
This course is designed for beginning lap swimmers who have acquired basic swimming techniques. Students are instructed in beginning level workouts which will improve cardiovascular endurance. Flexibility, exercises, nutrition and proper training techniques will be included in the course of study. Principles of physical fitness, conditioning and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-044B
Intermediate Lap Swimming for Health and Fitness **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 044A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
This course is designed for lap swimmers who have acquired intermediate swimming techniques. Students are instructed in intermediate level workouts which will improve cardiovascular endurance. Flexibility, exercises, nutrition and proper training techniques will be included in the course of study. Principles of physical fitness, conditioning and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-044C
Advanced Lap Swimming for Health and Fitness **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 044B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
This course is designed for lap swimmers who have acquired advanced swimming techniques. Students are instructed in advanced level workouts which will improve cardiovascular endurance. Flexibility, exercises, nutrition and proper training techniques will be included in the course of study. Principles of physical fitness, conditioning and other relevant health-related topics will also be covered. (CSU/UC) (AA/AS-7B)

ES-047
Lifeguard Training **2 UNITS**
Prerequisite: Successful completion of ES-043B or equivalent.
Demonstrated ability to swim 500 yards continuously using these strokes in the following order: 200 yards of front crawl using rhythmic breathing and a stabilizing, propellant kick; 100 yards breaststroke; 200 yards of either front crawl or breaststroke (these 200 yards may be a mixture of front crawl and breaststroke). Swim 20 yards using front crawl or breaststroke, surface dive to a depth of 7-10 feet, retrieve a 10-pound object, return to surface, and swim 20 yards back to the starting point with the object.
2.0 hours lecture, 1.0 hours laboratory
Instruction in lifeguarding and lifesaving techniques, cardiopulmonary resuscitation, and basic first aid that will facilitate successful completion of the American National Red Cross' Lifeguard Training Certificate, Community First Aid and Safety Certificate, and CPR for the Professional Rescuer Certificate.

ES-051
American Red Cross Water Safety Instructors **2 UNITS**
Prerequisite: Successful completion of Exercise Science 043B or equivalent. Students must also have (or obtain as part of the first week of this course) a current Fundamentals of Instructor Training Certificate and be a minimum of 17 years of age.
2.0 hours lecture, 1.0 hours laboratory
Successful completion of this class would lead to authorization by the American Red Cross as a Water Safety Instructor. Teaching techniques involved in swimming, community water safety and emergency water safety will be covered. The first week of this course will contain the instruction needed to pass the exam for the required Fundamentals of Instructor Training Certificate (F.I.T.). Students must successfully past the F.I.T. exam to continue with the remainder of the course. (CSU/UC)

ES-060A
Beginning Badminton **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Presentation of the official singles and doubles games including the six basic strokes, footwork, strategy and etiquette. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-060B
Intermediate Badminton **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 060A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Continuation of ES 060A with emphasis on intermediate level skill mastery, strategies and match play in both singles and doubles. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-060C
Advanced Badminton **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 060B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Continuation of ES 060B with emphasis on advanced level skill mastery, strategies and match play in both singles and doubles. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-061A
Beginning Pickleball **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This is a beginning pickleball course in which students will develop the basic skills to play the game of pickleball. Instructional focus includes the overhead and underhand groundstrokes, volleys, serves, racket grips, and footwork. Students will learn court diagram and markings, and fundamental strategies and rules used in both singles and doubles play. Fundamental principles of physical fitness and their impact on life-long health and wellness will also be taught. (CSU/UC)

ES-061B
Intermediate Pickleball **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 061A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
This is a continuation of ES 061A with an emphasis on instructing the intermediate skills levels of pickleball. Instructional focus includes the overhead, underhand, forehand, and backhand groundstrokes, volleys, drop, cut, and lob serves. Students will learn intermediate strategies and rules used in singles and doubles and cut-throat play. Fundamental principles of physical fitness and their impact on life-long health and wellness will also be taught. (CSU/UC) (AA/AS-7B)

ES-061C
Advanced Pickleball **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 061B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
This is a continuation of ES 061B with an emphasis on instructing the advanced skills levels of pickleball. Instructional focus includes the overhead, underhand, forehand, and backhand groundstrokes, volleys, drop, cut, lob serves, and overhand smash and drop shots. Students will learn advanced strategies and rules used in singles and doubles and cut-throat play. Fundamental principles of physical fitness and their impact on life-long health and wellness will also be taught. (CSU/UC) (AA/AS-7B)

ES-076A
Beginning Tennis **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Introduction to the basic skills and strategies of tennis. Instruction in all primary strokes in both singles and doubles play. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-076B
Intermediate Tennis **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 076A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Continuation of ES 076A with emphasis on individual stroke analysis, playing strategy and match play. Instruction in all strokes in both singles and double play. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-076C
Advanced Tennis **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 076B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Continuation of ES 076B with emphasis on advanced techniques, strategies and tactics for play in singles, doubles and mixed doubles play. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-125A
Beginning Golf **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Instruction and practice in basic golf skills including swing, stance and grip as well as rules and golf course etiquette. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-125B
Intermediate Golf **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 125A or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
Continuation of ES 125A with emphasis on technique improvement in all basic golf skills. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-125C
Advanced Golf **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 125B or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
Continuation of ES 125B with emphasis on advanced techniques, strategies and tournament play. Individuals enrolling in this course must furnish their own equipment and pay green fees. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-130A
Beginning Gymnastics **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Beginning gymnastics skills developed and practiced on all the Olympic events for women and men. Emphasis on individual skill acquisition, and performance of gymnastics skills and routines. Topics specific to men's and women's gymnastics will be presented and discussed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-130B
Intermediate Gymnastics **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 130A or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
Intermediate gymnastics skills developed and practiced on all the Olympic events for women and men. Emphasis on individual skill acquisition, improvement and performance of gymnastics skills and routines. Topics specific to men's and women's gymnastics will be presented and discussed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-130C
Advanced Gymnastics **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 130B or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
Advanced gymnastics skills developed and practiced on all the Olympic events for women and men. Emphasis on individual skill acquisition, improvement and performance of gymnastics skills and routines. Topics specific to men's and women's gymnastics will be presented and discussed. Students will also learn the fundamentals of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-155A
Beginning Basketball **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Instruction and practice in the basic skills of basketball with emphasis on individual skill development and team play. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-155B
Intermediate Basketball **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 155A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Continuation of ES 155A with emphasis on intermediate level individual skill development, team play, defensive/offensive tactics and team strategies. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-155C
Advanced Basketball **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 155B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Continuation of ES 155B with emphasis on advanced level individual skill development and team play, defensive/offensive tactics and team strategies. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-170A
Beginning Soccer **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Instruction and practice in the basic skills, rules, and strategies of soccer with emphasis on individual skill development and team play. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-170B
Intermediate Soccer **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 170A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Continuation of ES 170A with emphasis on intermediate skills, rules, and strategies of soccer. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-170C
Advanced Soccer **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 170B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Continuation of ES 170B with emphasis on advanced skills, rules, and strategies of soccer. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-171A
Beginning Softball **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Instruction in the basic techniques, fundamental skills, history and rules of softball. Emphasis will be placed on beginning level individual and team skills, as well as basic strategy. Students will also learn the fundamentals of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-171B
Intermediate Softball **1 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in ES 171A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Instruction in intermediate techniques, skills, and rules as well as basic history of softball. Emphasis will be placed on intermediate level individual and team skills, as well as basic strategy. Students will also learn the fundamentals of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-171C
Advanced Softball **1 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in ES 171B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Instruction in advanced techniques, skills and rules as well as basic history of softball. Emphasis will be placed on advanced level individual and team skills, as well as basic and advanced strategies. Students will also learn the fundamentals of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-172A
Beginning Baseball **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Instruction in the basic techniques, fundamental skills, history and rules of baseball. Emphasis will be placed on beginning level individual and team skills, as well as basic strategy. Students will also learn the fundamentals of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-172B
Intermediate Baseball **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 172A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Instruction in intermediate techniques, skills, history, and rules of baseball. Emphasis will be placed on intermediate level individual and team skills, as well as strategy. Students will also learn the fundamentals of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-172C
Advanced Baseball **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 172B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Instruction in advanced techniques, skills and rules of baseball. Emphasis will be placed on advanced level individual and team skills, as well as strategy. Students will also learn the fundamentals of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-175A
Beginning Volleyball **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Instruction and practice in the basic levels of volleyball with emphasis on individual skill development and team play. Topics specific to men's and women's volleyball will be presented and discussed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-175B
Intermediate Volleyball **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 175A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Continuation of ES 175A with emphasis on intermediate level volleyball skills, tactics and strategies. Topics specific to men's and women's volleyball will be presented and discussed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-175C
Advanced Volleyball **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 175B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
Continuation of ES 175B with emphasis on advanced level volleyball skills, tactics and strategies. Topics specific to men's and women's volleyball will be presented and discussed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-176A
Beginning Beach Volleyball **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course introduces the fundamental skills of Beach Volleyball, including passing, hitting, spiking (attacking), blocking, and serving, as well as beginning concepts of team strategies and tournament play. Topics specific to men's and women's beach volleyball will be presented and discussed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-176B
Intermediate Beach Volleyball **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 176A or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 176A emphasizing the development of intermediate skills of Beach Volleyball, including passing, hitting, spiking (attacking), cut shots, blocking, and serving, as well as intermediate concepts of team strategies and tournament play. Topics specific to men's and women's beach volleyball will be presented and discussed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-176C
Advanced Beach Volleyball **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 176B or equivalent or specified skill competencies.
1.0 hours lecture, 1.0 hours laboratory
A continuation of ES 176B emphasizing the development of advanced skills of Beach Volleyball, including passing, hitting, spiking (attacking), kills and cut shots, cross-court blocking, and serving, as well as team strategies and tournament play. Topics specific to men's and women's beach volleyball will be presented and discussed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-180
Self-Defense for Women **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Basic principles of practical personal protection for women, with emphasis placed on awareness and prevention of situations that may leave a person vulnerable to crime, especially rape. Physical skill acquisition, mental training, and verbal responses will be taught and practiced so students may develop the confidence to stand up and defend themselves. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-185A
Beginning Fencing **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
Instruction and practice in the basic fundamentals of the French foil including individual skills and bouting, terminology and beginning tactics. Topics specific to fencing will be presented and discussed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-185B
Intermediate Fencing **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 185A or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
Continuation of ES 185A with emphasis on the development of intermediate level proficiency in individual skills and bouting tactics with the French foil. Topics specific to fencing will be presented and discussed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-185C
Advanced Fencing **1.5 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ES 185B or equivalent or specified skill competencies.
1.0 hours lecture, 2.0 hours laboratory
Continuation of ES 185B with emphasis on the development of advanced skills. Strategies and tactics mastery with the French foil in a bouting format. Topics specific to fencing will be presented and discussed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. (CSU/UC) (AA/AS-7B)

ES-194
Community Service Learning Experience **1 UNITS**
Community Service Learning Experience (CSLE) is a community outreach program which promotes the national agenda of volunteer engagement. The purpose is to provide students an opportunity to explore options and careers in a selected area of study. This course includes placement in a community based site. (CSU) 54 hours paid or unpaid work experience per semester.

ES-200
Conditioning and Injury Prevention for Athletics **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
This class emphasizes physical conditioning, mastery of the basic fundamentals of efficient movement and the skills necessary to reduce the risk of injury associated with intercollegiate athletics. Instruction and practice in conditioning activities, running, and resistance and agility exercises will take place. (CSU/UC)

ES-201
Conditioning and Injury Prevention for Football **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
This class emphasizes physical conditioning, mastery of the basic fundamentals of efficient movement and skills necessary to reduce the risk of injury associated with intercollegiate football. Instruction and practice in conditioning activities, running and resistance exercises will take place. Emphasis will be placed on conditioning specific to positions played. (CSU/UC)

ES-202
Conditioning and Injury Prevention for Beach Volleyball **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
This class emphasizes physical conditioning, mastery of the fundamentals of efficient movement and skills necessary to reduce the risk of injury associated with beach volleyball. Instruction and practice in conditioning activities, running, resistance and agility exercises will take place. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.(CSU, UC)

ES-203
Intercollegiate Baseball **3 UNITS**
Prerequisite: Tryout
10.0 hours laboratory
Intercollegiate competition in the sport of baseball. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. The course is open to all students who wish to try out for competition at the intercollegiate level. An additional fee for athletic insurance is required upon enrollment. (CSU/UC)

ES-204
Advanced Techniques and Strategies of Intercollegiate Baseball **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Advanced techniques, fundamental skills and rules of baseball. Team competition play to increase students? skills. Open to students of advanced skill and primarily designed for those planning to participate in the varsity program or to further one?s education in baseball. Serves as the Non-Traditional Season (NTS) preparation course for the intercollegiate team. (CSU/UC)

ES-206
Intercollegiate Basketball **3 UNITS**
Prerequisite: Tryout
10.0 hours laboratory
Intercollegiate competition in the sport of basketball. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. The course is open to all students who wish to try out for competition at the intercollegiate level. An additional fee for athletic insurance is required upon enrollment. (CSU/UC)

ES-207
Advanced Techniques and Strategies of Intercollegiate Basketball **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
The instruction and practice in the advanced techniques and strategies of basketball. The course incorporates game experience in which to formulate an understanding by the student of the different styles of play. Serves as the Non-Traditional Season (NTS) preparation course for the intercollegiate team. (CSU/UC)

ES-208
Advanced Techniques and Strategies of Intercollegiate Cross Country **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
his course is designed for students with advanced cross country skills and includes instruction and practice in the advanced techniques and strategies of cross country. The course incorporates competitive experiences in which the student will apply different strategies of running. Serves as the Non-Traditional Season (NTS) course for the intercollegiate team. (CSU/UC)

ES-209
Intercollegiate Cross Country **3 UNITS**
Prerequisite: Tryout Prerequisite: Tryout
10.0 hours laboratory
Open to students who wish to try out in intercollegiate competition in the sport of cross country. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. An additional fee for athletics insurance is required upon enrollment. (CSU/UC)

ES-210
Intercollegiate Badminton **3 UNITS**
Prerequisite: Tryout Prerequisite: Tryout
10.0 hours laboratory
Intercollegiate competition in the sport of badminton. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. The course is open to all students who wish to try out at the intercollegiate level. An additional fee for athletic insurance is required upon enrollment. (CSU/UC)

ES-211
Advanced Techniques and Strategies of Intercollegiate Badminton **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course is designed for advanced badminton players who are proficient in the fundamental skills and have knowledge of the basic rules of the game. Instruction is geared toward advanced techniques, strategies, and team play in preparation for intercollegiate competition. Serves as the Non-Traditional Season (NTS) preparation course for the intercollegiate team. (CSU/UC)

ES-212
Intercollegiate Football **3 UNITS**
Prerequisite: Tryout
10.0 hours laboratory
Intercollegiate competition in the sport of football. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. The course is open to all students who wish to try out at the intercollegiate level. An additional fee for athletic insurance is required upon enrollment. (CSU/UC)

ES-214
Advanced Techniques and Strategies of Intercollegiate Offensive and Defensive Football **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
The purpose of this course is to provide training to develop skills and techniques necessary to play various positions in football. These skills are developed by a careful analysis of offensive and defensive techniques practiced in a non-conflict environment. Serves as the Non-Traditional Season (NTS) preparation course for the intercollegiate team. (CSU/UC)

ES-215
Intercollegiate Softball **3 UNITS**
Prerequisite: Tryout
10.0 hours laboratory
Intercollegiate competition in the sport of softball. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. The course is open to all female students who wish to try out at the intercollegiate level. An additional fee for athletic insurance is required upon enrollment. (CSU/UC)

ES-216
Advanced Techniques and Strategies of Intercollegiate Softball **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
his course is designed for students with advanced softball skills and includes instruction and practice in the advanced techniques and strategies of softball. The course incorporates competitive experiences in which the students will apply different styles of play. Serves as the Non-Traditional Season (NTS) preparation course for the intercollegiate team. (CSU/UC)

ES-218
Intercollegiate Soccer **3 UNITS**
Prerequisite: Tryout Prerequisite: Tryout
10.0 hours laboratory
Intercollegiate competition in the sport of soccer. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. The course is open to all students who wish to try out at the intercollegiate level. An additional fee for athletic insurance is required upon enrollment. (CSU/UC)

ES-219
Advanced Techniques and Strategies of Intercollegiate Soccer **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
his course is designed for students with advanced soccer skills. Instruction and practice in the advanced techniques and strategies of soccer. The course incorporates game experience in which to formulate an understanding by the student of different styles of play. Serves as the Non-Traditional Season (NTS) preparation course for the intercollegiate team. (CSU/UC)

ES-221
Intercollegiate Swimming **3 UNITS**
Prerequisite: Tryout
10.0 hours laboratory
Intercollegiate competition in the sport of swimming. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. The course is open to all students who wish to try out at the intercollegiate level. An additional fee for athletic insurance is required upon enrollment. (CSU/UC)

ES-222
Advanced Techniques and Strategies of Intercollegiate Swimming **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
his course is designed for advanced swimmers who have had previous competitive experience. Emphasis will be placed on conditioning and perfection of the basic fundamentals of strokes and turns in swimming. Serves as the Non-Traditional Season (NTS) preparation course for the intercollegiate team. (CSU/UC)

ES-224
Intercollegiate Tennis **3 UNITS**
Prerequisite: Tryout
10.0 hours laboratory
Intercollegiate competition in the sport of tennis. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. The course is open to all students who wish to try out at the intercollegiate level. An additional fee for athletic insurance is required upon enrollment. (CSU/UC)

ES-225
Advanced Techniques and Strategies of Intercollegiate Tennis **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course is designed for advanced tennis players who are proficient in the fundamental skills and have knowledge of the basic rules of the game. Instruction is geared toward advanced techniques, strategies, and team play. Serves as the Non-Traditional Season (NTS) preparation course for the intercollegiate team. (CSU/UC)

ES-228
Intercollegiate Beach Volleyball **3 UNITS**
Prerequisite: Tryout
10.0 hours laboratory
Intercollegiate competition in the sport of Beach Volleyball. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. The course is open to all students who wish to try out at the intercollegiate level. An additional fee for athletic insurance is required upon enrollment. (CSU)

ES-229
Advanced Techniques and Strategies of Intercollegiate Beach Volleyball **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course is designed for advanced beach volleyball players who are proficient in the fundamental skills and have knowledge of the basic rules of the game. Instruction is geared toward advanced techniques, strategies, and team play. Serves as the Non-traditional Season (NTS) preparation course for the intercollegiate team. (CSU/UC)

ES-230
Intercollegiate Volleyball **3 UNITS**
Prerequisite: Tryout
10.0 hours laboratory
Intercollegiate competition in the sport of volleyball. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. The course is open to all students who wish to try out at the intercollegiate level. An additional fee for athletic insurance is required upon enrollment. (CSU/UC)

ES-231
Advanced Techniques and Strategies of Intercollegiate Volleyball **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course is designed for advanced volleyball players who are proficient in the fundamental skills and have knowledge of the basic rules of the game. Instruction is geared toward advanced techniques, strategies, and team play. Serves as the Non-Traditional Season (NTS) preparation course for the intercollegiate team. (CSU/UC)

ES-233
Intercollegiate Water Polo **3 UNITS**
Prerequisite: Tryout.
10.0 hours laboratory
Intercollegiate competition in the sport of water polo. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. The course is open to all students who wish to try out at the intercollegiate level. An additional fee for athletic insurance is required upon enrollment. (CSU/UC)

ES-234
Advanced Techniques and Strategies of Intercollegiate Water Polo **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course is designed for the advanced water polo player who has the fundamental swimming, treading, ball handling skills and knowledge of the basic rules of the game. Technical skills, individual team play and team strategies will be covered. Serves as the Non-Traditional Season (NTS) preparation course for the intercollegiate team. (CSU/UC)

ES-235
Advanced Techniques and Strategies of Intercollegiate Lacrosse **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
The purpose of this course is to develop advanced techniques, skills, rules, and team competition play to increase students' ability to participate in lacrosse. Open to students of advanced skill and primarily designed for those planning to participate in the intercollegiate team of lacrosse. Serves as the Non-Traditional Season (NTS) preparation course for the intercollegiate team. (CSU/UC)

ES-236
Intercollegiate Lacrosse **3 UNITS**
10.0 hours laboratory
Intercollegiate competition in the sport of lacrosse. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. The course is open to all students who wish to try out for competition at the intercollegiate level. An additional fee for athletic insurance is required upon enrollment. (CSU/UC)

ES-237
Intercollegiate Women's Flag Football **3 UNITS**
Prerequisite: Tryout.
10.0 hours laboratory
Intercollegiate competition in the sport of women's flag football. This course includes instruction in specific skills, performance techniques and strategies, as well as daily practice, development of physical fitness, team travel and competition against other collegiate institutions. The course is open to women student-athletes who identify as women and are interested in trying out for intercollegiate-level competition. An additional fee for athletic insurance is required upon enrollment.

ES-238
Advanced Techniques and Strategies of Women's Intercollegiate Flag Football **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course aims to enhance students' advanced techniques, skills, rules, and team competition play, improving their ability to participate in flag football. It is open to students with advanced skills and is primarily designed for those planning to join the intercollegiate women's flag football team. The course also serves as the Non-Traditional Season (NTS) preparation for the intercollegiate team.

ES-239
Concepts of Intercollegiate Athletic Competition **2 UNITS**
1.0 hours lecture, 4.0 hours laboratory
This course is designed to prepare students for intercollegiate athletic competitions and to maintain athletic conditioning between seasons. It is intended for students who have demonstrated the potential to perform at the intercollegiate athletics level. This course includes instruction in specific sport skills, performance techniques and strategies, daily practice, development of physical fitness, team travel and competition against other collegiate institutions. An additional fee for athletic insurance is required upon enrollment. (CSU/UC)

ES-240
Athletic Competition **3 UNITS**
Prerequisite: Tryout.
10.0 hours laboratory
This course is designed to accommodate any in-season student athlete who, due to a class time conflict, is unable to register for the class section for the student's sport. Though enrolled in this class, each student will, in actuality, meet the objectives and complete the course content for the specific intercollegiate sport course in which the student participates (i.e., baseball, volleyball, etc.). An additional fee for athletic insurance is required upon enrollment. (CSU/UC)

ES-250
Introduction to Kinesiology **3 UNITS**
3.0 hours lecture
This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the concepts within and importance of the sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, dietetic, and fitness professions. (C-ID KIN 100) (CSU/UC)

ES-253
Physical Education in the Elementary Schools **3 UNITS**
2.5 hours lecture, 1.5 hours laboratory
The statewide program in physical education for the elementary school forms the basis for the course, including the study of child development, personality development, analysis and practice of fundamental skills, selection of activities, organizational materials and the evaluation of teaching ability. (CSU)

ES-255
Care and Prevention of Athletic and Recreational Injuries **3 UNITS**
3.0 hours lecture, 1.0 hours laboratory
Students will be introduced to the concepts and skills needed for interacting with clients, athletes, and patients in a sports medicine setting. The class will address the professional career practices in sports medicine for athletic trainers. The course provides an overview for the prevention, response, care, and management of common recreational, orthopedic, and athletic injuries. Lab activities will include application of concepts, assessment techniques, and skill development such as wrapping and taping. (CSU/UC)

ES-256
Sport and Society **3 UNITS**
3.0 hours lecture
This course explores not only the historical influences in sport, but also examines the role of sport in modern society. Also examined are race, ethnicity, gender and the cultural factors that influence sport and societies across the globe. Connections are drawn between regional, national and global economy in relations to sport. This course also addresses how sport influences and shapes global attitudes among nations, and investigates and discusses the historical, social, economic, and political impact of sport on society. (CSU/UC)

ES-262
Technical Analysis and Theory of Football - Offense **1 UNITS**
Corequisite: ES 212
1.0 hours lecture, 1.0 hours laboratory
This course is designed to allow students interested in pursuing a college level football experience to: (1) develop offensive skills and techniques while acquiring knowledge of the game strategically, (2) analyze drills, formations, techniques of running, passing and receiving for later use in coaching or teaching careers, and (3) receive practical experience through offensive skill and conditioning drills to improve technique, agility and footwork. (CSU/UC)

ES-263
Technical Analysis and Theory of Football - Defense **1 UNITS**
Corequisite: ES 212
1.0 hours lecture, 1.0 hours laboratory
This course is designed to allow students interested in pursuing a college level football experience to: (1) develop defensive skills and techniques while acquiring knowledge of the game strategically, (2) analyze drills, formations, techniques of pass coverage, tackling and blocking for later use in coaching or teaching careers, and (3) receive practical experience through defensive skill and conditioning drills to improve technique, agility and footwork. (CSU/UC)

ES-264
Analysis and Theory of Intercollegiate Sport **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
Students will analyze intercollegiate level theories, techniques, and strategies involved with performance of intercollegiate sports. Students will engage in video and digital analysis, data and statistical analysis, skill and performance evaluation, and a deeper understanding of sports related philosophies. (CSU)

ES-286
Sports Officiating Fundamentals **1 UNITS**
1.0 hours lecture, 1.0 hours laboratory
This course introduces the basic principles of sports officiating. Emphasis is placed on legal and business responsibilities, career opportunities, developing an officiating style, communication, conflict resolution, decisionmaking skills, maintaining fitness level, and time management.

ES-288
Sports Officiating for Spring Sports **0.5 UNITS**
0.5 hours lecture, 0.5 hours laboratory
This course provides theory and practical application strategies for officiating in college, high school and middle school spring sports in men's volleyball, beach volleyball, and softball. Designed for those seeking professional preparation for officiating spring sports, and as preparation for passing advanced officiating certification for the PCAC conference.

ES-290
Teaching Techniques and Methods in Exercise Science **1.5 UNITS**
1.0 hours lecture, 2.0 hours laboratory
This course provides fundamental hands-on training to students preparing for study in kinesiology or other related fields. This interactive course will provide supervised practical experiences assisting and teaching students in exercise science courses, as well as instruction to aid students with chronic diseases, injuries and physical limitations. Students will work under the direct supervision of an exercise science instructor. (CSU)

ES-291
Anatomy and Kinesiology for Fitness Specialists **3 UNITS**
Corequisite: ES 292.
3.0 hours lecture
This course combines anatomy and kinesiology, addressing the structure of the musculoskeletal system of the human body. Students will study practical applications of muscle groups and their functional relationships to simple mechanical principles. Anatomical and mechanical analysis of motion as it pertains to human movement in exercise will be emphasized. (CSU)

ES-292
Exercise Physiology for Fitness Specialists **3 UNITS**
Corequisite: ES 291.
3.0 hours lecture
This course is a study of human physiological responses, both short and long term, to physical activity and training. Students will examine the effects of exercise and the adaptation to training on the skeletal muscles, nervous system, cardiovascular and respiratory systems, body composition, and fatigue. (CSU)

ES-293
Strength Trainer/Fitness Assessments for Fitness Specialists **2.5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ES 291 and 292 or equivalent.
Corequisite: ES 294.
2.0 hours lecture, 1.5 hours laboratory
This course covers the mechanics of fitness training, including strength, endurance, and flexibility as well as provides students the necessary knowledge base to select appropriate fitness assessments. Discussion regarding training techniques, optimal workout environments, safety, contraindications, equipment and existing certification programs will help prepare students to work in the fitness industry. Students will evaluate existing standardized assessment batteries for cardiorespiratory endurance, muscular strength, muscular endurance, flexibility, body composition, blood pressure, and cholesterol. (CSU)

ES-294
Exercise Program Design and Special Populations **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ES 291 and 292 or equivalent.
Corequisite: ES 293.
3.0 hours lecture
This course addresses the topics of personal training and group exercise leadership in general program design as well as working with special populations. Information focuses on knowledge and skills (behaviors) associated with leading others to become more physically educated and healthy. Students will develop skills related to planning, informing (lecturing and demonstrating), managing learners and the environment, and assessing instructional processes and outcomes. In addition to general leadership development, information regarding exercise and special populations related to cardiac conditions, physical disabilities, diabetes, sensory impairment, seniors, mentally impaired, pregnancy, and infectious diseases will be emphasized. (CSU)

ES-296
Internship Seminar for Fitness Specialists **0.5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ES 255 and ES 294 and HED 158 or equivalent.
Corequisite: ES 297.
0.5 hours lecture
This course is designed for the student in the Fitness Training Professional certificate program. Students will discuss current issues in the fitness field, insurance, liability, standard business practices, and national certifications. Students apply knowledge of basic anatomy, exercise physiology, kinesiology, personal information gathering, and exercise testing through enrollment in ES 297. (CSU)

ES-297
Internship for Fitness Specialists **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ES 255 and ES 294 and HED 158 or equivalent.
A work experience course that provides the student with an opportunity to apply and expand upon acquired skills in a selected fitness industry. Students will gain experience in the field of personal training, group exercise leadership, or other fitness specialties. This course will provide pertinent instruction in fitness testing, program and training development, wellness and health education, and management and administration of health and wellness facilities. Periodic review sessions will be held to access the students? progress. (CSU) 54 hours paid or unpaid work experience per semester.

Family Studies (FS)

FS-110
Life Management **3 UNITS**
3.0 hours lecture
This course is a study of the different factors affecting one?s physical, mental and socio-emotional health in relation to life management. The implication of culture and diversity on belief systems and perception of the world will be examined. Communication, thought processes, and interpersonal relationships will be analyzed for improved self and social awareness. Time and resource management skills will be developed. Special emphasis will be placed on developing critical thinking skills to effectively meet life management challenges. (CSU)(CSU-E)

FS-115
Changing American Family **3 UNITS**
3.0 hours lecture
A survey of the contemporary American family with emphasis on changes in form, functions and expectations. The history of the family, both public and private, will be considered and examined in relation to the effects of class, ethnicity and social policy. The effects on the family of common life events experienced by individuals and family members will be covered including sexuality, mate selection, marriage, childbearing, the working family, divorce, domestic violence and aging. The future of the family including implications for the individual and society will be discussed. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

FS-120
Human Development **3 UNITS**
3.0 hours lecture
This course is a study of the dynamic forces influencing the biosocial, social/ emotional and cognitive domains of human development throughout the lifespan. Development tasks faced at each lifespan stage are examined from different theoretical perspectives. Topics, from epigenetic influences to current findings in brain development and end-of-life care, are researched and discussed. (CSU/UC) (AA/AS-4, CSU-D,E, IGETC-4, Cal-GETC-4)

FS-129
Introduction to Human Aging **3 UNITS**
3.0 hours lecture
This course focuses on social, economic, physiological and psychological factors which relate to the older adults as their roles in the family and society change. It includes investigation of everyday issues of the aged with emphasis on health, housing, personal economics, family roles, sexuality, spirituality, retirement, and bereavement. (CSU)(CSU-E)

French (FREN)

FREN-120
French I **5 UNITS**
5.0 hours lecture
An introductory course to the French language and the cultures of its speakers. This course is designed for students with very little or no knowledge of French. It facilitates the practical application of the language in everyday oral and written communication at the beginning level. Since the focus will be on basic communication skills, the class will be conducted in French as much as possible. Students will learn structures that will enable them to function in French in everyday contexts while becoming familiar with the French speaking world. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

FREN-121
French II **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in FREN 120 or two years of high school French or equivalent.
5.0 hours lecture
French 121 is the continuation of French 120. The course will continue to develop oral and written skills based on practical everyday needs. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,6A, Cal-GETC-3B)

FREN-152
The French-Speaking World: A Cross- -Cultural Perspective **3 UNITS**
3.0 hours lecture
Major characteristics of the French-speaking world as reflected in its culture, civilization, and literature. The course will compare French-speaking European countries (such as France, Belgium, Switzerland, Luxembourg) to French-speaking countries of Northern Africa, Sub-Saharan Africa, Canada and the Caribbean. The class is conducted in English. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,6A, Cal-GETC-3B)

FREN-196
Community Service Learning Experience **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in FREN 120 or equivalent.
Community Service Learning Experience (CSLE) is a community outreach program, which promotes the national agenda of volunteer engagement. The purpose of this course is to provide the student an opportunity to practice and use the French language in a community based site and to explore different career options. (CSU) 54 hours paid or unpaid work experience per semester.

FREN-220
French III **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in FREN 121 or three years of high school French or equivalent.
5.0 hours lecture
French 220 is the continuation of French 121. The course will continue to develop oral, listening, reading and writing skills in order to acquire proficiency in French. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,6A, Cal-GETC-3B)

FREN-221
French IV **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in FREN 220 or four years of high school French or equivalent.
5.0 hours lecture
French 221 is the continuation of French 220. The course will continue to develop oral, listening, reading, and writing skills in order to improve proficiency in French. ((CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,6A, Cal-GETC-3B)

FREN-250
Conversational French I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in FREN 121 or three years of high school French or equivalent.
3.0 hours lecture
The course will continue to develop oral, listening, reading and writing skills with emphasis on oral proficiency. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

FREN-251
Conversational French II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in FREN 250 or four years of high school French or equivalent.
3.0 hours lecture
The course will continue to develop at a higher level oral, listening, reading and writing skills with emphasis on oral proficiency. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

Gender Studies (GEND)

GEND-116
Introduction to Women's Studies **3 UNITS**
3.0 hours lecture
Interdisciplinary introduction to the origins, purpose, subject matter, and methods of Women's Studies and to feminist perspectives in the social sciences on a range of issues affecting women of diverse backgrounds. Study of gender and its intersections with race, class, sexuality, dis/ability, age, religion, and other systems of difference. Includes such topics as gender-based language, personality development and self-concept, social evolution, family structures and economic life. (C-ID SJS 120) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

GEND-117
Introduction to LGBTQ Studies **3 UNITS**
3.0 hours lecture
This interdisciplinary course introduces students to a broad range of historical and contemporary lesbian, gay, bisexual, transgender, queer, intersex and asexual (LGBTQIA+) issues in various contexts, including bio-medical, sociological, political, racial and sexual. Topics include the politics, policy and governance of LGBT issues, social movements and resistance, biological and environmental impacts on identity, equity, equality and inclusion, privilege and disadvantage, queer activism; diverse experiences of gender and sexuality; and representations in literature, art, and popular culture. The class also includes ways in which sexual identities intersect with and shape other categories of identity, including race and ethnicity, and social class. (C-ID SJS 120) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

GEND-154
Early History of Women in World Civilization **3 UNITS**
3.0 hours lecture
This course covers the transnational/global concepts of gender, social, economic, political, cultural and intellectual/creative aspects of women in world society from prehistoric times to the early modern era (1500 C.E.). Societal structures, cultural norms, legal/sociological constructs, religious paradigms affecting women throughout Asia, Africa, Middle East, the Americas and Europe will be explored. The course will also focus upon gaining an understanding of women's past accomplishments, both major and mundane, as well as limitations, which may illuminate their present and future. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

GEND-155
Modern History of Women in World Civilization **3 UNITS**
3.0 hours lecture
This course covers the transnational/global concepts of gender, social, economic, political, cultural and intellectual/creative aspects of women in world society from 1500 C.E. to the present. Societal structures, cultural norms, legal/sociological constructs, religious paradigms affecting women throughout modern Asia, Africa, Middle East, the Americas and Europe will be explored. The course will also focus upon gaining an understanding of women's past accomplishments, both major and mundane, as well as limitations, which may illuminate their present and future. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

Geography (GEOG)

GEOG-100
Introduction to Global Studies **3 UNITS**
3.0 hours lecture
This course is an introduction to the interdisciplinary field of Global Studies, including the history, causes and evolution of globalization, as well as the role of geography in the process of globalization. The economic, political, social/cultural, and environmental/ecological dimensions of globalization will also be examined. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

GEOG-101
Global Issues **3 UNITS**
3.0 hours lecture
An introduction to the origins, current status, and future trends of major transnational issues confronting the global community. Students will learn about population trends, economic development and inequality, issues of access to basic human needs such as food, water, and healthcare, human rights, international conflict and security concerns, and environmental problems including those that contribute to climate change. Global governance and collective global responsibilities will also be examined. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

GEOG-104
Introduction to Geographic Information Science **3 UNITS**
Prerequisite: Appropriate Placement or Intermediate Algebra.
2.0 hours lecture, 3.0 hours laboratory
Fundamental concepts in geographic information systems including cartography, global positioning systems (GPS), remote sensing, and spatial statistics. Hands-on use of current, industry-standard computer technologies that enhance geographic analysis and improve decision-making abilities for solving geospatial problems in a wide range of applications. (C-ID GEOG 155) (CSU/UC) (AA/AS-1B)

GEOG-106
World Regional Geography **3 UNITS**
3.0 hours lecture
World Regional Geography explores the world around us region by region combining an examination of both environmental and cultural characteristics. The course prepares students to make sense of an increasingly connected world in which global events have local significance. The regions' physical situation along with demographic, linguistic, religious, political, and developmental patterns provide the framework for comparing and contrasting the various world regions. Real world, real time current events specific to individual regions are used to illustrate course concepts. Although open to all students this course was originally designed for Liberal Studies education majors wishing to satisfy requirements for California Multiple Subject Teaching Credentials. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

GEOG-120
Physical Geography: Earth Systems **3 UNITS**
3.0 hours lecture
Explore your world! Drought! Fire! Climate Change! Quakes! This physical science course describes and explains the Earth?s major physical systems, the basic energy and material flows by which these systems operate, and the result of human interaction with these flows. Phenomena explored include storms, climate, ecosystems, seasonal change, plate tectonics, stream and glacial activity, and beach systems. (C-ID GEOG 110) (CSU/UC) (AA/AS-5, CSU-B1, IGETC-5A, Cal-GETC-5A)

GEOG-121
Physical Geography: Earth Systems Laboratory **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" or concurrent enrollment in GEOG 120 or GEOL 104 or equivalent.
3.0 hours laboratory
Get outside and into the field! Explore Earth?s physical environment! This course satisfies the science lab requirement, and complements either the Physical Geography lecture course (Geog 120) or the Earth Science lecture course (Geol 104). It examines Earth?s atmospheric, hydrospheric, lithospheric, and biospheric systems, and the Earth? s seasonal orbit about the Sun. Students will study plate tectonics including faulting, earthquakes, volcanism, and the rock cycle, and will investigate landforms, seasons, weather, climate, and the evolutionary response to climate variation as studied in the natural habitats surrounding Grossmont. Students will use topographic maps, weather maps, satellite loops, compass, clinometer, GPS, weather sensors, and the campus-wide Outdoor Educational ?Rock and Native-Vegetation Zones. (C-ID GEOG 111 and GEOG 120L) (CSU/UC) (AA/AS-5, CSU-B3, IGETC-5C, Cal-GETC-5C)

GEOG-130
Human Geography: The Cultural Landscape **3 UNITS**
3.0 hours lecture
UNDERSTAND CRUCIAL WORLD EVENTS! Course covers the background needed to understand the most pressing issues from around the world. It covers religion, politics, population dynamics, human-environment interactions, globalization, roots of war, & more. (C-ID GEOG 120) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

GEOG-140
Meteorology: Weather and Climate **3 UNITS**
3.0 hours lecture
This physical science course explains the principles that drive daily weather and long-term climate variation. Explanations will focus upon the composition and structure of the atmosphere, the input of solar radiation, the corresponding atmospheric energy budget, the resultant changes in the state of the atmosphere (in terms of temperature, pressure, humidity, winds, air masses, fronts, clouds, and fog), and the average situation as expressed by the climate distribution and its change-over-time. Highlights include explanation of jet streams and winter cyclonic storms, as well as late-summer hurricanes and monsoonal thunderstorms, autumnal Santa Ana-driven fires, and springtime marine layer stability vs Tornado Alley severe weather instability. Special attention is given to real-time weather events and forecasting, especially by way of current weather maps and satellite imagery vs. climatological data. (C-ID GEOG 120) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

GEOG-150
Field Study of the Natural History of the Greater San Diego Region **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BIO 110 or 120; or GEOG 120 or 121 or 140; or GEOL 110 or 111; or OCEA 112 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
An exciting, team-taught, interdisciplinary, field-based study of the natural environment of the San Diego region, including related parts of Imperial, Riverside, and Orange Counties. Vans are utilized to visit sites that best illustrate (1) the region?s physical environment (including tectonics, geologic history, geomorphology, hydrology, meteorology, climatology, and soils), (2) the evolutionary response to environmental variation (focusing on coastal sage scrub, chaparral, and desert ecosystems), and (3) the interaction of humans with the natural environment. Emphasis on field measurement includes use of GPS, compass, clinometer, maps, the current Jepson plant taxonomy, etc. Four weekends in spring semester only. Overnight campouts required. Students with credit in Geography 150 will not be able to enroll in Biology 150, Geology 150 or Oceanography 150. (CSU/UC)

GEOG-170
The Geography of California **3 UNITS**
3.0 hours lecture
This course examines the geography of California's diverse physical environment and human landscape that define its uniqueness and exceptionalism - earthquakes, climate, population, agriculture, water, economy, etc. Transfers to CSU and UC. (C-ID GEOG 140) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

GEOG-172
Field Exploration: Colorado Plateau **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This week-long course involves lecture and field study of natural processes and features in selected areas of the Colorado Plateau. Lectures en route and on site may include the origin, evolution, and significance of the region?s tectonic setting, geomorphic features, hydrology, native plants, and weather. The course may also examine human-environment interactions as well as spatial and temporal variations in areas such as the Grand Canyon, Zion National Park, Sunset Crater, and the Mogollon Rim. Students will learn various field study techniques including map interpretation, map analysis, and the use of field instruments including mineral and rock identification tools, compasses, and global positioning devices (GPS). The course requires field trip travel, including overnight camping and light to moderate hiking. (CSU)

GEOG-173
Field Exploration: Cascade Range/Modoc Plateau **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This week-long course involves lecture and field study of natural processes and features in selected areas of the southern Cascade Range and the Modoc Plateau. Lectures en route and on site may include origin, evolution, and significance of the region's tectonic setting, geomorphic features, hydrology, native plants and weather. The course may also examine human-environment interactions as well as spatial and temporal variations in areas such as Lava Beds National Monument, McArthur-Burney Falls State Park, and Lassen Volcanic National Park. Students will learn various field study techniques including map interpretation, map analysis, and the use of field instruments including mineral and rock identification tools, compasses, and global positioning devices (GPS). The course requires field trip travel, including overnight camping and light to moderate hiking. (CSU)

GEOG-174
Field Exploration: Basin and Range Province **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This week-long course involves lecture and field study of natural processes and features in selected areas of the Basin and Range Province. Lectures en route and on site may include the origin, evolution, and significance of the region?s tectonic setting, geomorphic features, hydrology, native plants, and weather. The course may also examine human-environment interactions as well as spatial and temporal variations in areas such as Owens Valley, Death Valley, the Lake Mead area, and Great Basin National Park. Students will learn various field study techniques including map interpretations, map analysis, and the use of field instruments including mineral and rock identification tools, compasses, and global positioning devices (GPS). The course requires field trip travel, including overnight camping and light to moderate hiking. (CSU)

GEOG-175
Field Exploration: California Coastal Mountains **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This week-long course involves lecture and field study of natural processes and features in selected areas of the California coastal mountain region. Lectures en route and on site will examine the origin, evolution, and significance of the region?s tectonic setting, geomorphic features, hydrology, native plants, and weather. The course may also examine human-environment interactions as well as spatial and temporal variations in areas such as along the San Andreas fault system, the Coast Ranges, and the Klamath Mountains. Students will learn various field study techniques including map interpretation, map analysis, and the use of field instruments including mineral and rock identification tools, compasses, and global positioning devices (GPS). The course requires field trip travel, often including overnight camping and light to moderate hiking. (CSU)

GEOG-176
Field Exploration: Sierra Nevada **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This week-long course involves lecture and field study of natural processes and features in selected areas of the Sierra Nevada mountains. Lectures en route and on site may include the origin, evolution, and significance of the region's tectonic setting, geomorphic features, hydrology, native plants, and weather. The course may also examine human-environment interactions as well as spatial and temporal variations in areas such as the Yosemite, Sequoia, and Kings Canyon National Parks, the Mammoth Lakes area, and Mono Basin. Students will learn various field study techniques including map interpretation, map analysis, and the use of field instruments including mineral and rock identification tools, compasses, and global positioning devices (GPS). The course requires field trip travel, including overnight camping and light to moderate hiking. (CSU)

Geology (GEOL)

GEOL-104
Earth Science **3 UNITS**
3.0 hours lecture
This course is designed for Liberal Studies education majors wishing to satisfy requirements for California Multiple Subject Teaching Credentials. This physical science course describes and explains the Earth's major physical systems, the basic energy and material flows by which these systems operate, and the comparative place of our planet within the larger solar systems. As such, this course provides a brief synthesis of the disciplines of astronomy, physical geography, meteorology, oceanography, and geology.(C-ID GEOG 155) (CSU/UC) (AA/AS-1B)

GEOL-110
Planet Earth **3 UNITS**
3.0 hours lecture
This introductory physical science course investigates the composition of the earth and the geologic processes by which it formed. Emphasis is placed on the earth's unifying theory plate tectonics and the associated activities of volcanism, earthquakes, and mountain building. Topics will include crystals, minerals and rocks, their distribution within the planet, and the evolution of the earth across deep time. The sculpturing of the surface of the planet by wind, waves, streams, glaciers, and landslides will also be considered. (C-ID GEOL 100) (CSU/UC) (AA/AS-5, CSU-B1, IGETC-5A, Cal-GETC-5A)

GEOL-111
Planet Earth Laboratory **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" or concurrent enrollment in GEOL 110 or equivalent.
3.0 hours laboratory
Provides hands-on experience to accompany and augment Geology 110. This course will include laboratory and field investigations of the Earth, emphasizing experience with minerals, rocks, and fossils, as well as interpreting topographic and geologic maps. Field trips will acquaint students with local rock units, and past and present geologic processes. (C-ID GEOL 100) (CSU/UC) (AA/AS-5, CSU-B1, IGETC-5A, Cal-GETC-5A)

GEOL-121
Earth History **4 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in Geology 104 or 110 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This is a required course for geology majors and minors. The lecture portion will cover the geologic and tectonic development of earth and its importance to the evolution of life on this planet as evidenced in the fossil record. Laboratory work will include, but is not limited to, the detailed study of sedimentary petrology, stratigraphy, identification of fossil phyla, and local field investigations. Emphasis will be placed on the application of rock and fossil interpretations to the reconstruction of ancient environments and their evolution through geologic time. (C-ID GEOL 111) (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C, Cal-GETC-5A,5C)

GEOL-150
Field Study of the Natural History of the Greater San Diego Region **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BIO 110 or 120; or GEOG 120 or 121 or 140; or GEOL 110 or 111; or OCEA 112 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
An exciting, team-taught, interdisciplinary, field-based study of the natural environment of the San Diego region, including related parts of Imperial, Riverside, and Orange Counties. Vans are utilized to visit sites that best illustrate (1) the region's physical environment (including tectonics, geologic history, geomorphology, hydrology, meteorology, climatology, and soils), (2) the evolutionary response to environmental variation (focusing on coastal sage scrub, chaparral, and desert ecosystems), and (3) the interaction of humans with the natural environment. Emphasis on field measurement includes use of GPS, compass, clinometer, maps, the current Jepson plant taxonomy, etc. Four weekends in spring semester only. Overnight campouts required. Students with credit in Geology 150 will not be able to enroll in Biology 150, Geography 150 or Oceanography 150. (CSU/UC)

GEOL-162
Geologic Field Studies: Southern California Mountain Areas **1 UNITS**
1.0 hours lecture
This course involves lecture and field study of geologic processes and features in selected areas of the southern California mountains. Lectures will examine the regional geomorphic features, identify the specific rock types, and discuss the tectonic setting of the area to be visited, with emphasis on the overall geologic evolution of the area. Study areas will include, but are not limited to, various locations within the Peninsular Ranges and Transverse Ranges. Students are trained in various field study techniques such as map and cross-section development, identification of geologic specimens, and the use of geologic instruments. The course requires field trip travel, often including overnight camping and light to moderate hiking. (CSU)

GEOL-163
Geologic Field Studies: Mojave Desert and Adjacent Areas **1 UNITS**
1.0 hours lecture
This course involves lecture and field study of geologic processes and features in selected areas of the Mojave Desert and adjacent areas. Lectures will examine the regional geomorphic features, identify the specific rock types, and discuss the tectonic setting of the area to be visited, with emphasis on the overall geologic evolution of the area. Study areas will include, but are not limited to, various locations within the Mojave Desert and Joshua Tree National Park. Students are trained in various field study techniques such as map and cross-section development, identification of geologic specimens, and the use of geologic instruments. The course requires field trip travel, often including overnight camping and light to moderate hiking. (CSU)

GEOL-164
Geologic Field Studies: Southern California Coastal Areas **1 UNITS**
1.0 hours lecture
This course involves lecture and field study of geologic processes and features in selected areas of the southern California coastline. Lectures will examine the regional geomorphic features, identify the specific rock types, and discuss the tectonic setting of the area to be visited, with emphasis on the overall geologic evolution of the area. Study areas will include, but are not limited to, various locations within the Channel Islands, southern Coast Ranges, and coastal regions from San Diego County northward to Santa Barbara County. Students are trained in various field study techniques such as map and cross-section development, identification of geologic specimens and the use of geologic instruments. The course requires field trip travel, often including overnight camping, kayaking and light to moderate hiking. (CSU)

GEOL-165
Geologic Field Studies: Colorado Desert/Salton Trough Area **1 UNITS**
1.0 hours lecture
This course involves lecture and field study of geologic processes and features in selected areas of the Colorado Desert/Salton Trough region. Lectures will examine the regional geomorphic features, identify the specific rock types, and discuss the tectonic setting of the area to be visited, with emphasis on the overall geologic evolution of the area. Study areas will include, but are not limited to, various locations within the Anza Borrego Desert State Park and the Salton Trough. Students are trained in various field study techniques such as map and cross-section development, identification of geologic specimens, and the use of geologic instruments. The course requires field trip travel, often including overnight camping and light to moderate hiking. (CSU)

GEOL-172
Field Exploration: Colorado Plateau **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This week-long course involves lecture and field study of natural processes and features in selected areas of the Colorado Plateau. Lectures en route and on site may include the origin, evolution, and significance of the region?s tectonic setting, geomorphic features, hydrology, native plants, and weather. The course may also examine human-environment interactions as well as spatial and temporal variations in areas such as the Grand Canyon, Zion National Park, Sunset Crater, and the Mogollon Rim. Students will learn various field study techniques including map interpretation, map analysis, and the use of field instruments including mineral and rock identification tools, compasses, and global positioning devices (GPS). The course requires field trip travel, including overnight camping and light to moderate hiking. (CSU)

GEOL-173
Field Exploration: Cascade Range/Modoc Plateau **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This week-long course involves lecture and field study of natural processes and features in selected areas of the southern Cascade Range and the Modoc Plateau. Lectures en route and on site may include origin, evolution, and significance of the region's tectonic setting, geomorphic features, hydrology, native plants and weather. The course may also examine human-environment interactions as well as spatial and temporal variations in areas such as Lava Beds National Monument, McArthur-Burney Falls State Park, and Lassen Volcanic National Park. Students will learn various field study techniques including map interpretation, map analysis, and the use of field instruments including mineral and rock identification tools, compasses, and global positioning devices (GPS). The course requires field trip travel, including overnight camping and light to moderate hiking. (CSU)

GEOL-174
Field Exploration: Basin and Range Province **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This week-long course involves lecture and field study of natural processes and features in selected areas of the Basin and Range Province. Lectures en route and on site may include the origin, evolution, and significance of the region?s tectonic setting, geomorphic features, hydrology, native plants, and weather. The course may also examine human-environment interactions as well as spatial and temporal variations in areas such as Owens Valley, Death Valley, the Lake Mead area, and Great Basin National Park. Students will learn various field study techniques including map interpretations, map analysis, and the use of field instruments including mineral and rock identification tools, compasses, and global positioning devices (GPS). The course requires field trip travel, including overnight camping and light to moderate hiking. (CSU)

GEOL-175
Field Exploration: California Coastal Mountains **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This week-long course involves lecture and field study of natural processes and features in selected areas of the California coastal mountain region. Lectures en route and on site will examine the origin, evolution, and significance of the region's tectonic setting, geomorphic features, hydrology, native plants, and weather. The course may also examine human-environment interactions as well as spatial and temporal variations in areas such as along the San Andreas fault system, the Coast Ranges, and the Klamath Mountains. Students will learn various field study techniques including map interpretation, map analysis, and the use of field instruments including mineral and rock identification tools, compasses, and global positioning devices (GPS). The course requires field trip travel, often including overnight camping and light to moderate hiking. (CSU)

GEOL-176
Field Exploration: Sierra Nevada **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This week-long course involves lecture and field study of natural processes and features in selected areas of the Sierra Nevada mountains. Lectures en route and on site may include the origin, evolution, and significance of the region's tectonic setting, geomorphic features, hydrology, native plants, and weather. The course may also examine human-environment interactions as well as spatial and temporal variations in areas such as the Yosemite, Sequoia, and Kings Canyon National Parks, the Mammoth Lakes area, and Mono Basin. Students will learn various field study techniques including map interpretation, map analysis, and the use of field instruments including mineral and rock identification tools, compasses, and global positioning devices (GPS). The course requires field trip travel, including overnight camping and light to moderate hiking. (CSU)

GEOL-210
Geology of California **3 UNITS**
3.0 hours lecture
This course examines the development of California's landscape and scenery by various tectonic and geomorphic processes throughout geologic time. Each of California?s physiographic provinces will be studied in terms of geologic structures, natural resources, minerals, rock and fossil occurrences, and natural hazards. Field trips may be required. (CSU/UC) (AA/AS-5, CSU-B1, IGETC-5A, Cal-GETC-5A)

GEOL-220
Geology of the National Parks **3 UNITS**
3.0 hours lecture
This course explores the most distinctive and intriguing geological features of America's National Parks. Each park will be examined separately in slide show/ travelogue format, with emphasis placed on their formation and evolution. The theory of plate tectonics will provide the organizational structure for the course with each park representing a distinct stage in the Wilson Cycle. (CSU) (AA/AS-5, CSU-B1)

GEOL-230
Natural Disasters **3 UNITS**
3.0 hours lecture
This course examines the geological and meteorological principles underlying natural disasters such as earthquakes, landslides, flooding, volcanic eruptions, and severe weather phenomena. Students will explore how dynamic earth processes affect human activities and discuss options for mitigation of these natural phenomena. (CSU/UC)(AA/AS-5)

German (GERM)

GERM-120
German I **5 UNITS**
5.0 hours lecture
An introductory course to the German language and the cultures of its speakers. This course is designed for students with very little or no knowledge of German. It facilitates the practical application of the language in everyday oral and written communication at the beginning level. Since the focus will be on basic communication skills, the class will be conducted in German as much as possible. Students will learn structures that will enable them to function in German in everyday contexts while becoming familiar with the German speaking world. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

GERM-121
German II **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in GERM 120 or two years of high school German or equivalent.
5.0 hours lecture
German 121 is the continuation of German 120. The course will continue to develop oral and written skills based on practical everyday needs. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,6A, Cal-GETC-3B)

GERM-196
Community Service Learning Experience **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in GERM 120 or equivalent.
Community Service Learning Experience (CSLE) is a community outreach program which promotes the national agenda of volunteer engagement. The purpose of this course is to provide the student an opportunity to practice and use the German language in a community based site and to explore different career options. (CSU) 54 hours paid or unpaid work experience per semester.

GERM-220
German III **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in GERM 121 or three years of high school German or equivalent.
5.0 hours lecture
German 220 is the continuation of German 121. The course will continue to develop oral, listening, reading, and writing skills in order to acquire proficiency in German. (CSU/UC) (AA/AS-C, CSU-C2, IGETC-3B,6A)

GERM-221
German IV **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in GERM 220 or four years of high school German or equivalent.
5.0 hours lecture
German 221 is the continuation of German 220. The course will continue to develop oral, listening, reading, and writing skills in order to improve proficiency in German. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,6A, Cal-GETC-3B)

GERM-250
Conversational German I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in GERM 121 or three years of high school German or equivalent.
3.0 hours lecture
The course focuses on intermediate level conversation development with vocabulary building and improvement of speaking proficiency in the context of German culture. Conversations are based on everyday situations and cultural events. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

GERM-251
Conversational German II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in GERM 250 or four years of high school German or equivalent.
3.0 hours lecture
The course focuses and expands on intermediate level conversation development with more complex and varied vocabulary building and improvement of speaking proficiency in the context of German-speaking culture. Conversations are based on everyday situations and cultural events. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

Health Education (HED)

HED-101
Keys to Successful Weight Control **1.5 UNITS**
1.5 hours lecture
This course explores the determinants of weight gain, loss and maintenance including food intake, energy expenditure, genetics, social pressures and psychological factors. Students will learn the proven keys to successful and long term weight control. A variety of approaches to weight control will be examined with thought to effectiveness, safety and nutritional adequacy. Disordered eating, including emotional eating, compulsive eating, bulimia and anorexia nervosa will be examined relative to their relationship to weight control. (CSU)

HED-105
Health Education for Teachers **1 UNITS**
1.0 hours lecture
This course provides the background information and skills teachers need to implement comprehensive school health education at the grade levels in which they are certified. The course includes information on the six categories of risk behavior identified by the Centers for Disease Control and Prevention. It includes the objectives for Healthy People 2030; how to access CDC School Health Guidelines to Promote Healthy Behavior Among Children and Adolescents, and a discussion of the Safe and Drug-Free School Program. It examines the eight components of a coordinated school health program and the National Health Education Standards. State-of-the art information is provided on school health services, a healthful and safe school environment, the comprehensive school health education curriculum, and instructional strategies and technologies. A review of the ten content areas of health is included. (CSU)

HED-120
Personal Health and Lifestyles **3 UNITS**
3.0 hours lecture
A course emphasizing the information required to make important decisions concerning lifestyle and total health. This course examines stress, drugs, major diseases, nutrition, weight control, sexuality, aging, environmental issues, and other topics related to health and fitness with an emphasis on applying the information to personal behaviors. This course challenges the student to assume responsibility for, and take charge of their own health and well-being. (CSU/UC) (AA/AS-4, CSU-E)

HED-201
Introduction to Public Health **3 UNITS**
3.0 hours lecture
This course provides an in-depth introduction to the field of public health, focusing on the key social, behavioral, biological, and environmental determinants of health. Students will examine public health concepts, including epidemiology, disease prevention, and the analysis of health data. The course uses social science methods and epidemiological techniques to assess health inequities, risk factors, and disease causation, focusing on the influence of cultural, socioeconomic, and behavioral elements. Topics include the prevention and control of infectious and chronic diseases, environmental health, healthcare policy, and the broader impact of social determinants on health. Students will also explore the history of public health, analyze current challenges, and formulate strategies to address health disparities across populations. They will gain a comprehensive understanding of public health systems, policies, and the role of social science theories in shaping effective interventions. (CSU/UC) (AA/AS-4, CSU-E)

History (HIST)

HIST-100
Early World History **3 UNITS**
3.0 hours lecture
A historical survey of civilizations from ancient times to 1500 C.E. with particular focus on Asia, Africa, Europe, the Americas, the Indian Subcontinent, Mediterranean Basin, the Middle East and Oceania. Emphasis placed on the origins, development and interconnections of diverse cultures, political systems, social/cultural forces, major religions, noted empires, artistic/intellectual achievements and technological breakthroughs. (C-ID HIST 150) (CSU/UC) (AA/AS-3, CSU-C2,D, IGETC-3B,4, Cal-GETC-3B,4)

HIST-101
Modern World History **3 UNITS**
3.0 hours lecture
A survey of world history from 1500 C.E. to the present with particular focus on modern Asia, Europe, Africa, the Americas, the Indian subcontinent and the Middle East. Emphasis will be placed on the origins of maritime exploration, artistic/intellectual movements, revolutions, nationalism, empires, technological breakthroughs, industrialization, imperialism, world wars, totalitarianism, decolonization and economic globalization. (C-ID HIST 160) (CSU/UC) (AA/AS-3, CSU-C2,D, IGETC-3B,4, Cal-GETC-3B,4)

HIST-103
Twentieth Century World History **3 UNITS**
3.0 hours lecture
A global historical survey of the political, social, economic, and cultural events that defined and shaped the 20th century. Particular emphasis includes height of European imperialism, First World War, rise of totalitarian regimes, Second World War, Cold War, decolonization and the rise of nation-states, genocides and civil wars, revolutions in Asia, Africa and Latin America, Middle East conflict, fall of the Soviet bloc, social and intellectual movements, scientific and technological breakthroughs, and economic globalization. (CSU/UC) (AA/AS-3, CSU-C2,D, IGETC-3B,4, Cal-GETC-3B,4)

HIST-105
Early Western Civilization **3 UNITS**
3.0 hours lecture
A historical survey tracing the political, social, economic, cultural, and intellectual events that have shaped and defined Western Civilization from ancient times to 1650. Emphasis is placed upon ancient Mesopotamia, ancient Egypt, eastern Mediterranean civilizations, pre and classical Greece, Hellenistic era, Roman civilization and empire, rise of Christianity and Islam, Byzantine Empire, medieval Europe, Renaissance and Reformation. (C-ID HIST 170) (CSU/UC) (AA/AS-3, CSU-C2,D, IGETC-3B,4, Cal-GETC-3B,4)

HIST-106
Modern Western Civilization **3 UNITS**
3.0 hours lecture
A historical survey tracing the events and development of the modern Western world from 1500 to the present. Particular emphasis upon the making of modern European political/economic systems, institutions, values, and ideas. Such topics include Reformation/Age of Religious Wars, Absolutism, Scientific Revolution, Enlightenment, Age of Revolutions, Napoleonic Era, nineteenth-century ideologies, industrialization, nationalism, imperialism, modern western science, modern western art/literature, world wars, totalitarianism, the Cold War and contemporary Europe. (C-ID HIST 180) (CSU/UC) (AA/AS-3, CSU-C2,D, IGETC-3B,4, Cal-GETC-3B,4)

HIST-107
History of Race & Ethnicity in the United States **3 UNITS**
3.0 hours lecture
An introduction to the social, cultural, and historical experiences of racial and ethnic groups and their roles in shaping in the United States. Focus will be on migration, colonization, racialization, racism, and discrimination, assimilation and resistance and agency, social stratification, liberation movements, and the intersection of racial, ethnic, gender, and sexual identities as they relate to African Americans, Asian Americans, Latinas/os/x, and Native Americans. Also listed as ETHN 107. Not open to students with credit in ETHN 107. (CSU/UC) (AA/AS-4, CSU-D,F, IGETC-4,7, Cal-GETC-4,6)

HIST-108
Early American History **3 UNITS**
3.0 hours lecture
A historical survey tracing the political, social, and cultural events that have shaped and created the United States from pre-Columbian times to 1877. Emphasis is placed upon pre-Columbian past, European contact during Age of Exploration, colonial America, American Revolution, Constitutional and Federalist Era, Jeffersonian democracy, Jacksonian Era, Old South and slavery, Age of Reform, antebellum society, westward expansion, sectional crisis, American Civil War and Reconstruction. The course also explores the origin and development of significant American institutions, ideals, thought, constitutional features and various social and ideological struggles. (C-ID HIST 130) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-109
Modern American History **3 UNITS**
3.0 hours lecture
A historical survey of the political, social, economic, and cultural events in the United States from 1865 to the present. Explores significant modern American institutions, ideals, thought, ideologies, and laws including explorations of the U.S. and California constitutions and interactions between federal, state, and local governments. (C-ID HIST 140) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-113
American Military History **3 UNITS**
3.0 hours lecture
This course introduces the student to military history of the United States from the colonial period to the present with emphasis on institutional, technological, social, political, cultural, and diplomatic contexts in times of peace and conflict. Major themes and coverage of noted wars will focus on three periods: colonial, continental expansion, and overseas expansion. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-114
Comparative History of the Early Americas **3 UNITS**
3.0 hours lecture
The Americas from ancient times to the nineteenth century. Emphasis on ancient American civilizations and the interactions among Native American, European, and African American cultures in the formation of new nations. The social, political, and cultural developments of the early United States, Latin America and Canada and their political systems. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-115
Comparative History of the Modern Americas **3 UNITS**
3.0 hours lecture
A survey of the political, social, economic, and cultural development of the modern Americas. Emphasis on interactions among Native American, European, and African American cultures and the social, political, and economic transformations of the modern United States, Latin America and Canada from the early nineteenth century to the present. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-118
U.S. History: Chicano/Chicana Perspectives I **3 UNITS**
3.0 hours lecture
This course is designed to explore the role and development of the Chicana/o (Mexican American) people in the history of the United States. It examines United States history with emphasis on institutions and ideals, beginning with pre-Colombian Meso-America to the Mexican-American War (1848). Social, economic, political and cultural events are covered with attention to Mexican/Chicana/o people in the United States. The Constitution of the United States and the operation of representative government are studied with special emphasis on the impact and effects of U.S.-Mexico relations and their people. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-119
U.S. History: Chicano/Chicana Perspectives II **3 UNITS**
3.0 hours lecture
This course is designed to explore the role and development of the Chicana/o (Mexican American) people in the history of the United States. Beginning with the Mexican-American War (1848) to the present period, institutions and ideals of United States history are examined, with emphasis on the social, economic, political and cultural implications to Chicana/o people in the United States. The U.S. Constitution, operation of representative government, and developments in California state and local government are studied with special emphasis on the impact and effects on Chicana/o's. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-122
Women in Early American History **3 UNITS**
3.0 hours lecture
This course covers the social, political, cultural, economic and intellectual development of women in United States history from pre-European contact to 1877. Women's experiences are placed in the context of the origins of American institutions and ideals. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-123
Women in Modern American History **3 UNITS**
3.0 hours lecture
This course covers the social, political, cultural, economic and intellectual development of women in United States history from 1877 to the present. Women's experiences are placed in the context of evolving American institutions.(CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-124
History of California **3 UNITS**
3.0 hours lecture
Survey of the political, social, and economic development of the State of California from pre-Columbian Native Americans to the present. Emphasis upon European exploration and interaction with California's Native Americans, Spanish colonization, Mexican California, statehood, late 19th century, pre-WWI Progressive Era, 1910s and 1920s, Depression Era, WWII, Post-WWII era, 1960s to the 1990s, and early 21st century. Course will also include a unit of study in California State and local government. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-126
History of Mexico **3 UNITS**
3.0 hours lecture
A general survey of the history of Mexico from its pre-conquest origins to the twenty-first century. Emphasis on the Toltec, the Maya, the Aztec and other native societies; the conquest; the interactions among Native, Spanish and African cultures; colonial society; independence; the Mexican Revolution and the development of modern Mexico. Particular attention will be given to the social, political, economic and cultural transformation of Mexico across five centuries. (CSU/UC) (AA/AS-3, CSU-C2,D, IGETC-3B,4, Cal-GETC-3B,4)

HIST-130
U.S. History and Cultures: Native American Perspectives I **3 UNITS**
3.0 hours lecture
This course covers the social, political, cultural, economic and intellectual history of indigenous people in North America from pre-history to pre-Civil War in United States. Native experiences are placed in the context of the evolution of diverse native nations, within the growth of the U.S., and within the development of American institutions and ideals. California and San Diego County nations are highlighted, as is the origins of the U.S. Constitution and its evolving interpretation in the courts regarding native nations. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-131
U.S. History and Cultures: Native American Perspectives II **3 UNITS**
3.0 hours lecture
An historical survey of the indigenous peoples of the North American Continent from the period of 1850 to the present. Attention will be given to contemporary, historical, political, and socio-economic issues affecting the American Indian nationwide, statewide and locally. Indian perspectives of native and nonnative cultures will be included. The Federal and California State Constitutions are studied with special emphasis on the effects and influence of the Indian culture and society. Particular attention is given to political philosophies and the impact of legislation on Indian culture and society. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-135
Ancient History of Western Civilization **3 UNITS**
3.0 hours lecture
A historical survey tracing the political, social, intellectual and cultural events of the ancient civilizations within the Near East and Mediterranean basin from 3500 B.C.E. to 500 C.E. This course will focus on the contributions and achievements of civilizations within Mesopotamia, Egypt, Persia, Asia Minor, the Levant, Crete, Greece, North Africa, and Rome and their significance in shaping Western Civilization. Further emphasis will be place upon their political systems, religion, philosophy, science/technology, laws, role of women, and arts/literature. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

HIST-136
Survey of Medieval History **3 UNITS**
3.0 hours lecture
A historical survey tracing the political, social, economic, intellectual, religious and cultural events that occurred during Europe?s medieval period c.500-1500 C.E. This course begins with the decline of the Western Roman Empire and then focuses upon rise of Germanic kingdoms, role of the papacy, monasticism, establishment of Christendom, Carolingian Empire, feudalism, Vikings, England, German States, Eastern Europe, Muslim invasions, Crusades, Black Death, medieval philosophy and science, art and literature, role of women, gender and sexuality, and the demise of medieval era and birth of modern Europe. The course also explores the creation of significant lasting institutions, ideas, and thought from the medieval era that remains part of the present-day Western world. (CSU/UC) (AA/AS-3, CSU-C2,D, IGETC-3B,4, Cal-GETC-3B,4)

HIST-137
History of East Asia **3 UNITS**
3.0 hours lecture
A historical survey of China and Japan from prehistory to modern times. Emphasis on their comparative and intertwining histories with particular attention to historical origins, political institutions, social/economic structures, religious/philosophical beliefs, literary/cultural achievements, technological/scientific contributions, interactions with Korea and the West, participation in major wars, and current geopolitical status and power. (CSU/UC) (AA/AS-3, CSU-C2,D, IGETC-3B,4, Cal-GETC-3B,4)

HIST-148
The Modern Middle East **3 UNITS**
3.0 hours lecture
A historical survey exploring the history of the modern Middle East. The course includes background material on the origin and spread of Islam, Islamic dynasties and civilizations. Major emphasis on the Ottoman Empire, the colonial era, rise of 20th century independent nation-states, creation of Israel and the Arab-Israeli conflict, 20th and 21st-century wars and conflicts, famous political/religious leaders, intellectual/scientific accomplishments, and artistic/literary works. (CSU/UC) (AA/AS-3, CSU-C2,D, IGETC-3B,4, Cal-GETC-3B,4)

HIST-154
Early History of Women in World Civilization **3 UNITS**
3.0 hours lecture
This course covers the transnational/global concepts of gender, social, economic, political, cultural and intellectual/creative aspects of women in world society from prehistoric times to the early modern era (1500 C.E.). Societal structures, cultural norms, legal/sociological constructs, religious paradigms affecting women throughout Asia, Africa, Middle East, the Americas and Europe will be explored. The course will also focus upon gaining an understanding of women?s past accomplishments, both major and mundane, as well as limitations, which may illuminate their present and future. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-155
Modern History of Women in World Civilization **3 UNITS**
3.0 hours lecture
This course covers the transnational/global concepts of gender, social, economic, political, cultural and intellectual/creative aspects of women in world society from 1500 C.E. to the present. Societal structures, cultural norms, legal/sociological constructs, religious paradigms affecting women throughout modern Asia, Africa, Middle East, the Americas and Europe will be explored. The course will also focus upon gaining an understanding of women's past accomplishments, both major and mundane, as well as limitations, which may illuminate their present and future. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-157
History Through Comics **3 UNITS**
3.0 hours lecture
This course studies history through sequential art and images, comics, and graphic novels, looking at Paleolithic cave paintings, Roman graffiti, Persian bas-reliefs, Mexican murals, and more, with a focus on 20th and 21st century comics and graphic novels. Topics explored through comics may include: social justice, identity, love, war, discrimination, genocide, hope, resistance, environmental justice, and more. Students will use sequential art and comics as primary and secondary sources, learning how sequential art and comics reflect the concerns and realities of particular times, places, and people.

HIST-160
U.S. History: Asian American and Pacific Island American Perspectives I **3 UNITS**
3.0 hours lecture
This course is a cultural and historical analysis of the Asian American and Pacific Island experience from pre-colonial/pre-migration communities of Asia and the Pacific Islands, through immigration and contact with American colonial societies, and through the formation of the U.S. and imperial expansion of the mid-1800s. This class explores the social, political, economic, and cultural factors encountered by populations loosely grouped as Asian and Pacific Islanders. Emphasis is placed, but is not limited to, Japanese, Filipino, Korean, Chinese, Asian Indian, Pacific Islander, and Southern Asian experiences. Such experiences include immigration, diaspora, return, identity, ethnicity and ethnocentrism, race, racism, and race relations, community development, traditional values, identity formation in the context of Euro-centric U.S. cultures, sexuality and gender, U.S. policies, and issues of resistance, colonization, decolonization, and anti-colonialism. An analysis of the Asian American and Pacific Island American perspective on cultural roots, immigration, accommodation and resistance, and settlement patterns, labor, legal, political, and social history within the context of the U.S. Constitution and the political philosophy of its framers. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-161
U.S. History: Asian American and Pacific Island American Perspectives II **3 UNITS**
3.0 hours lecture
This course provides an introduction to the history and culture of Asians and Pacific Islanders in the United States from the mid-19th century to the beginning of the 21st century. Drawing from a range of interdisciplinary approaches and sources, the course explores the importance of the Asian American and Pacific Island American experience to U.S. history while also giving due consideration to the global and international forces that shaped it. In doing so, it probes the varied experiences of people identified as "Asian Americans," and "Pacific Island Americans," examining what those identities mean and how that had changed over time. The experience of Asian Americans and Pacific Islanders will inform the analysis of broader themes including migration, diaspora, return, gender, race and racism, labor, citizenship, community, resistance and self-determination, identity formation, war, anti-colonialism, de-colonialism, and imperialism, and transnationalism. The course introduces the major themes and basic chronology of Asian American and Pacific Island American history while providing a critical perspective on the conventional narrative American history. The course analyzes the Asian American and Pacific Island American past within a context of power relations, especially hierarchies of race, gender, and class and examines the continuities and discontinuities between the past and present. Emphasis is placed on Filipino Americans, Chinese Americans, Japanese Americans, Asian Indian Americans, Korean Americans, Pacific Island Americans, and Southeast Asian Americans. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-170
History of Africa: Prehistory to 1400 **3 UNITS**
3.0 hours lecture
This course surveys African history from prehistory to 1400, emphasizing the development of human societies, civilizations, and cultural interactions across the continent. The course will explore early human origins in Africa, the rise of agriculture, trade networks, and the political and cultural achievements of civilizations such as Egypt, Nubia, Ghana, Mali, and Songhai. Students will engage with African art, science, religion, and gender roles while investigating the influence of geographic, environmental, and social factors on Africa's history and its significance in global history.

HIST-172
U.S History of Death, Dying, & Afterlife **3 UNITS**
3.0 hours lecture
This course explores the diverse cultural, religious, and social understandings of death, dying, and the afterlife within the United States. Students will examine how race, ethnicity, gender, and LGBTQ+ identities shape death rituals, mortuary practices, and beliefs about the afterlife. Special attention will be given to marginalized communities, including BIPOC, Latinx, Asian American, Pacific Islander, and LGBTQ + populations. The course explores syncretic belief systems such as Voodoo and Santería and highlights cultural resilience in these practices. The significance of?Día de los Muertos?and the role of mortuaries, burial customs, autopsies, and socio-political aspects of death are key topics.

HIST-173
History of Science and Technology **3 UNITS**
3.0 hours lecture
This course explores the global development of science and technology, addressing the contributions of historically marginalized communities. The course examines major scientific breakthroughs and technological innovations, their societal impacts, and their intersections with ethics, bias, and power structures. Topics include the role of artificial intelligence (AI), surveillance, and the ethical dimensions of technological advancement, particularly in relation to marginalized populations. Students will engage critically with how science and technology shape and are shaped by broader societal issues of equity and justice.

HIST-180
U.S. History: Black Perspectives I **3 UNITS**
3.0 hours lecture
A survey of United States history from colonial times through the Civil War from the perspective and experiences of African-Americans. The course begins with the historical backdrop of African peoples in continental Africa and the trace their story through early modern European contact, slave trade, enslavement in the Americas, colonial America, the revolutionary and Constitutional era, the early Republic, participation in American institutions, sectional issues between North and South over slavery, the Civil War and emancipation. Examines the contradictions, paradoxes and constitutional challenges of the American experiment of freedom alongside the institution of slavery. Explores the political, social, economic, legalistic, cultural, spiritual, literary and artistic life of African-Americans during this historical period. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-181
U.S. History: Black Perspectives II **3 UNITS**
3.0 hours lecture
A survey of United States history from Reconstruction to the present seen from the perspective and experience of African-Americans. The course begins with the emancipation of slaves and Reconstruction and then traces the African-American experience through modern American history. Topics include developments in California, Reconstruction, Jim Crow South, late 19th century, pre WWI and the Progressive Era, WWI and the Roaring 20s, Depression Era, WWII and the home front, post-WWII era and segregation, Civil Rights Era, struggles of the 1960s and 1970s, late 20th century and 21st-century issues. Course also explores the contradictions, paradoxes and constitutional challenges, both federal and in California, of the American experiment of equality alongside racial segregation and injustices. The course also explores the political, social, economic, legalistic, cultural, spiritual, literary and artistic life of African-Americans during modern American history. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

HIST-194
Community Service Learning Experience **1 UNITS**
Community Service Learning Experience (CSLE) is a community outreach program which promotes the national agenda of volunteer engagement. The purpose is to provide students an opportunity to expand their citizenship consciousness while exploring options and careers in a selected area of study. This course includes placement in a community based historical site, archives, museum, institute, research library or with K-12 history/social studies students. (CSU) 54 hours paid or unpaid work experience per semester.

Humanities (HUM)

HUM-110
Principles of the Humanities **3 UNITS**
3.0 hours lecture
An introduction to the field of humanities through an integrated study of culture and the creative products of humanity. The fine arts as well as dominant philosophic, political and religious ideas are evaluated as a means of understanding cultural expression. (CSU/UC) (AA/AS-3, CSU-C1,C2, IGETC-3B, Cal-GETC-3B)

HUM-120
European Humanities **3 UNITS**
3.0 hours lecture
An integrated approach to European cultural values as expressed in representative masterpieces of literature, philosophy, drama, music, visual art, and architecture. (CSU/UC) (AA/AS-3, CSU-C1,C2, IGETC-3B, Cal-GETC-3B)

HUM-125
Women and Western Culture **3 UNITS**
3.0 hours lecture
This course examines women and Western culture through a humanistic lens, exploring the place of women in literature and poetry, history, visual and performing arts, philosophy, politics and science. Emphasis is placed on the manifestations of women's struggles across the spectrum of human experience. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

HUM-130
East Asian Humanities **3 UNITS**
3.0 hours lecture
An integrated approach to the culture of East Asia from earliest civilization to present. The cultural development of Japan, China and India, as well as Southeast Asia, will be explored in relation to literature, music, drama, architecture, visual arts, and film. Cultural expression will be examined using a religious and historical context. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

HUM-135
Blues as Literature, History, and Culture **3 UNITS**
3.0 hours lecture
An examination of blues music and its influence on American culture. Blues will be explored in musical, literary, historical and socio-political contexts in order to understand the factors that gave rise to the art form. Particular emphasis will be on the rich and expressive African-American culture and its profound contribution to the American identity. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

HUM-140
Humanities of the Americas **3 UNITS**
3.0 hours lecture
Integrated exploration of broadly representative examples of literature, philosophy, drama, music, visual art and architecture of the Americas-the geographical scope of which will include the United States, Canada, the Caribbean, and Latin America. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

HUM-160
Humanities of the Future **3 UNITS**
3.0 hours lecture
An integrated approach to the possible culture humans may create in the future. Beginning with an analysis of past and contemporary trends in literature, music, religion, painting and/or architecture, an attempt will be made to project these trends into the future. Emphasis will be on methods of projection using science fiction (writing and/or film) as well as the prophecies of scientists, artists, sociologists, and political scientists. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

HUM-170
Modern World Humanities **3 UNITS**
3.0 hours lecture
A comparative study of the modern major cultural domains of the world: 1) East Asia, 2) Middle East, and Near East, 3) Europe, and the 4) Americas. A global perspective of culture will be acquired through the experience of representative works of art, literature, philosophy and religion. Emphasis will be on the transition of cultures to the modern world and the interaction of cultures in the modern world. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

Italian (ITAL)

ITAL-120
Italian I **5 UNITS**
5.0 hours lecture
An introductory course to the Italian language and the cultures of its speakers. This course is designed for students with very little or no knowledge of Italian. It facilitates the practical application of the language in everyday oral and written communication at the beginning level. Since the focus will be on basic communication skills, the class will be conducted in Italian as much as possible. Students will learn structures that will enable them to function in Italian in everyday contexts while becoming familiar with the Italian speaking world. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

ITAL-121
Italian II **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ITAL 120 or two years of high school Italian or equivalent.
5.0 hours lecture
Italian 121 is the continuation of Italian 120. The course will continue to develop oral and written skills based on practical. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

ITAL-220
Italian III **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ITAL 121 or three years of high school Italian or equivalent.
5.0 hours lecture
Italian 220 is the continuation of Italian 121. The course will continue to develop oral, listening, reading and writing skills in order to acquire proficiency in Italian. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

ITAL-221
Italian IV **5 UNITS**
Prerequisite: A "C" grade or higher or "Pass" in Italian 220 or four years of high school Italian or equivalent.
5.0 hours lecture
Italian 221 is the continuation of Italian 220. The course will continue to develop oral, listening, reading and writing skills in order to improve proficiency in Italian. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

ITAL-250
Conversational Italian I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ITAL 121 or three years of high school Italian or equivalent.
3.0 hours lecture
The course will continue to develop oral, listening, reading and writing skills with emphasis on oral proficiency. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

ITAL-251
Conversational Italian II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ITAL 250 or four years of high school Italian or equivalent.
3.0 hours lecture
The course will continue to develop at a higher level oral, listening, reading and writing skills with emphasis on oral proficiency. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

Japanese (JAPN)

JAPN-120
Japanese I **5 UNITS**
5.0 hours lecture
An introductory course to the Japanese language and the cultures of its speakers. This course is designed for students with very little or no knowledge of Japanese. It facilitates the practical application of the language in everyday oral and written communication at the beginning level. Since the focus will be on basic communication skills, the class will be conducted in Japanese as much as possible. Students will learn structures that will enable them to function in Japanese in everyday contexts while becoming familiar with the Japanese speaking world. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

JAPN-121
Japanese II **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in JAPN 120 or two years of high school Japanese or equivalent.
5.0 hours lecture
Japanese 121 is the continuation of Japanese 120. The course will continue to develop oral and written skills based on practical everyday needs. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

JAPN-149
Japanese Culture and Civilization **3 UNITS**
3.0 hours lecture
survey of major characteristics of Japanese culture as seen in Japan today. This course will compare and contrast traditional Japanese culture and values with the modern Japanese culture. This course will examine what role history has played in the development of traditional Japanese culture and the role western culture has played in the development of the modern Japanese culture. It will examine the issues that this dichotomy creates and the relationship between Japan and the western world. This course will be taught in English. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

JAPN-196
Community Service Learning Experience **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in JAPN 120 or equivalent.
Community Service Learning Experience (CSLE) is a community outreach program which promotes the national agenda of volunteer engagement. The purpose of this course is to provide the student an opportunity to practice and use the Japanese language in a community based site and to explore different career options. 54 hours paid or unpaid work experience per semester.

JAPN-220
Japanese III **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in JAPN 121 or three years of high school Japanese or equivalent.
5.0 hours lecture
Japanese 220 is the continuation of Japanese 121. The course will continue to develop oral, listening, reading and writing skills in order to acquire proficiency in Japanese. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

JAPN-221
Japanese IV **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in JAPN 220 or four years of high school Japanese or equivalent.
5.0 hours lecture
Japanese 221 is the continuation of Japanese 220. The course will continue to develop oral, listening, reading and writing skills in order to improve proficiency in Japanese. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

JAPN-250
Conversational Japanese I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in JAPN 121 or three years of high school Japanese or equivalent.
3.0 hours lecture
The course will continue to develop oral, listening, reading and writing skills with emphasis on oral proficiency. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

JAPN-251
Conversational Japanese II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in JAPN 250 or four years of high school Japanese or equivalent.
3.0 hours lecture
The course will continue to develop at a higher level oral, listening, reading and writing skills with emphasis on oral proficiency. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

Library Information Resources (LIR)

LIR-110
Research Methods in an Online World **1 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in ENGL C1000 or ESL 122 or equivalent.
1.0 hours lecture
Designed for the student who would like to improve critical research skills. Students will learn to navigate research tools such as databases and search engines for specific information need. (CSU)

Mathematics (MATH)

MATH-020
Foundations for Quantitative Reasoning **1 UNITS**
Corequisite: MATH 120
1.0 hours lecture
Foundations for Quantitative Reasoning (QR) will focus on the skills and concepts needed for success in QR. This course is for students concurrently enrolled in QR (Math 120) at Grossmont College. Students will receive extra support in Arithmetic, Algebra, Geometry, problem solving, and study skills. This course is offered on a Pass/No Pass basis only. (Non-degree credit course)

MATH-075
Foundations for College Algebra **2 UNITS**
Corequisite: MATH 175
2.0 hours lecture
Support for this course focuses on the skills and concepts needed for success in College Algebra. This course is for students concurrently enrolled in College Algebra (MATH 175) at Grossmont College. Students will receive extra support in algebra, geometry, problem solving, technology, and study skills. This course is offered on a Pass/No Pass basis only. (Non-degree credit course)

MATH-076
Foundations for Precalculus **2 UNITS**
Corequisite: MATH 176
2.0 hours lecture
This support course focuses on the skills and concepts needed for success in Precalculus. This course is for students concurrently enrolled in Precalculus (MATH 176) at Grossmont College. Students will receive extra support in algebra, geometry, problem solving, technology, and study skills. This course is offered on a Pass/No Pass basis only. (Non-degree credit course)

MATH-078
Foundations for Calculus for Business, Social, & Behavorial Sciences **2 UNITS**
Corequisite: MATH 178
2.0 hours lecture
This support course focuses on the skills and concepts needed for success in Calculus for Business, Social & Behavioral Science (MATH 178). This course is for students concurrently enrolled in MATH 178 at Grossmont College. Students will receive extra support in algebra, geometry, problem solving, technology, and study skills. This course is offered on a Pass/No Pass basis only. (Non-degree credit course)

MATH-080
Foundations for Calculus & Analytic Geometry I **2 UNITS**
Prerequisite: Appropriate Placement.
Corequisite: MATH 180.
2.0 hours lecture
Support for this course focuses on the skills and concepts needed for success in Calculus and Analytic Geometry I. This course is for students concurrently enrolled in Calculus I (Math 180) at Grossmont College. Students will receive extra support in algebra, analytic geometry, trigonometry, technology, and study skills. Pass/No Pass only. Non-degree applicable.

MATH-082
Foundations for Calculus and Analytic Geometry II **1 UNITS**
Prerequisite: Appropriate Placement
Corequisite: Math-280
3.0 hours laboratory
Support for this course focuses on the skills and concepts needed for success in Calculus and Analytic Geometry II. This course is for students concurrently enrolled in Calculus II (Math 280) at Grossmont College. Students will receive extra support on algebra, geometry, and trigonometry topics that support success in Calculus II. Pass/No Pass only. Non-degree applicable.

MATH-095
Math Jam for BSTEM Preparation **0 UNITS**
1.0 hours laboratory
Math Jam For BSTEM Preparation is a non-credit course for students wanting a jump-start in College Algebra, Precalculus or Business Calculus. In an activity-based setting, students will practice key pre-transfer level math concepts, as well as develop essential study-skills needed to be successful in their upcoming BSTEM class. Students will also be connected to college support services to increase the likelihood of reaching their academic and career goals. This course emphasizes the community aspect of learning mathematics. This course is offered on a pass/no pass basis only.

MATH-099NC
Calculus Instructional Support Lab **0 UNITS**
Corequisite: MATH 170 or MATH 171 or MATH 175 or MATH 176 or MATH 178 or MATH 180 or MATH 280 or MATH 281.
3.0 hours laboratory
Designed to provide instruction for all students who require additional support in their Calculus courses. Students are taught by trained instructors through Just-In-Time remediation and Directed Learning Activities that are designed to meet their individual content needs. Students are supported to monitor their own learning processes. This course is open-entry/open-exit. This course is offered on a pass/no pass basis only. This is a no fee/no credit course.

MATH-120
Quantitative Reasoning **3 UNITS**
Prerequisite: Appropriate placement beyond intermediate algebra or equivalent.
3.0 hours lecture
This course is designed for students in majors that do not require any further mathematics courses in their curricula. Emphasis will be on the communication of mathematical ideas and problem solving pertinent to daily life. Specific topics for this course may include: Mathematics of Personal Finance and investments, Statistics, Probability, Voting Strategies, Estimations, and Measurements. (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

MATH-125
Structure and Concepts of Elementary Mathematics I **3 UNITS**
Prerequisite: Appropriate Placement or Intermediate Algebra.
3.0 hours lecture, 1.0 hours laboratory
Blending the mathematical topics of sets, whole numbers, numeration, number theory, integers, rational and irrational numbers, measurement, relations, functions and logic. The course will investigate the interrelationships of the above topics using a problem-solving approach. The course will also investigate appropriate use of technology in the classroom. (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

MATH-126
Structure and Concepts of Elementary Mathematics II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MATH 125 or equivalent.
3.0 hours lecture, 1.0 hours laboratory
Blending the mathematical topics of probability, statistics, relations, graphs, measurement, coordinate geometry, plane geometry, solid geometry, logic, and number sense. The course will investigate the interrelationships of the above topics using a problem-solving approach. The course will also investigate the appropriate use of technology in the classroom. (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

MATH-128
Children's Mathematical Thinking **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in Math 125 or equivalent or concurrent enrollment in Math 125.
2.0 hours lecture
An in-depth analysis of children's mathematical thinking and understanding of operations (addition, subtraction, multiplication, and division), place value and fractions. Students will observe individual children solving mathematical problems. (CSU)

MATH-170
Analytic Trigonometry **3 UNITS**
Prerequisite: Appropriate Placement or Intermediate Algebra.
3.0 hours lecture
A theoretical approach to the study of the trigonometric functions with emphasis upon circular functions, trigonometric identities, trigonometric equations, graphical methods, inverse functions, vectors and applications, complex numbers, and solving triangles with applications. Passing both MATH 170 and MATH 175 is equivalent to passing MATH 176. A student will earn a total of 7 units for passing both MATH 170 and MATH 175. A student will only earn 6 units if they pass both MATH 170 and MATH 176. (CSU) (AA/AS-2, CSU-B4)

MATH-171
Innovative Path to Calculus **4 UNITS**
Prerequisite: Appropriate Placement beyond Intermediate Algebra or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This preparatory course offers focused instruction in essential algebraic and trigonometric concepts tailored to meet the needs of students pursuing STEM disciplines. Through targeted instruction and hands-on activities, students will engage with key topics including equations, functions, graphs, and trigonometry, priming them for success in Calculus I. While emphasizing mastery in core areas, the course strategically covers selected topics, ensuring students develop a solid foundation for advanced coursework within the constraints of a condensed curriculum. Interactive sessions and utilization of technology, such as graphing calculators, enrich the learning experience. Students who successfully complete Math 171 (Pass or "C" grade or higher) can enroll in Math 180. (CSU)

MATH-175
College Algebra **4 UNITS**
Prerequisite: Appropriate Placement or Intermediate Algebra.
4.0 hours lecture
Graphic, numeric, and analytic approaches to the study of precalculus concepts from college algebra. Application of appropriate technology including but not limited to graphic utilities to model, analyze, and interpret a collection of data or to solve real-world application problems from a wide variety of disciplines. Topics include the real number system; algebraic exponential, and logarithmic functions and their inverses; graphing techniques for polynomial and rational functions; complex numbers; theory of equations; partial fractions; mathematical induction; sequences and series; matrices; and the binomial theorem. Passing both MATH 170 and MATH 175 is equivalent to passing MATH 176. A student will earn a total of 7 units for MATH 170 and MATH 175. A student will only earn 6 units if the pass both MATH 175 and MATH 176. (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

MATH-176
Precalculus: Functions and Graphs **6 UNITS**
Prerequisite: Appropriate Placement or Intermediate Algebra.
6.0 hours lecture
Unification of college algebra and analytical trigonometry based on the function concept. Topics include properties of real number system, inequalities, theory of equations, the study of functions including with emphasis on circular, and inverses, trigonometric identities, trigonometric equations, graphical methods, solving triangles with applications, mathematical induction, sequences and series, matrices, and binomial theorem. Passing MATH 176 is equivalent to passing both MATH 170 and MATH 175. A student will earn 6 units for passing 176 or a total of 7 units for passing both MATH 170 and MATH 175. (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

MATH-178
Calculus for Business, Social and Behavioral Sciences **4 UNITS**
Prerequisite: Appropriate Placement or Intermediate Algebra.
Recommended Preparation: "C" grade or higher or "Pass" in MATH 175 or equivalent.
4.0 hours lecture
An introduction to differential and integral calculus with applications specifically designed for business, social and behavioral sciences. Functions studied include polynomials, rationals, exponentials and logarithms. (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

MATH-180
Analytic Geometry and Calculus I **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MATH 170 and MATH 175 or MATH 176 or equivalent.
5.0 hours lecture
A first course in differential and integral calculus of a single variable; functions; limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. Primarily for science, technology, engineering and mathematics majors. (C-ID MATH 210) (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

MATH-180L
Concurrent Support for Calculus I **1 UNITS**
Corequisite: MATH 180
3.0 hours laboratory
This course offers structured support to students who are concurrently enrolled in Analytic Geometry and Calculus I (Math 180). This support course includes just-in-time review of relevant prerequisite algebraic, geometric and trigonometric concepts, a more in-depth investigation of core concepts in their concurrent calculus course, as well as study and life skills necessary to succeed in rigorous college courses. This course emphasizes the community aspect of learning mathematics. This course is offered on a Pass/No Pass basis only. (Nondegree credit course)

MATH-245
Discrete Mathematics **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.
3.0 hours lecture
Introduction to discrete mathematics. Topics to include sets, relations, summations, elementary counting techniques, recurrence relations, logic and proofs. This course is appropriate for mathematics and computer science majors. (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

MATH-280
Analytic Geometry and Calculus II **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MATH 180 or equivalent.
4.0 hours lecture
A second course in differential and integral calculus of a single variable: integration; techniques of integration; infinite sequences and series; polar and parametric equation; conics. Primarily for Science, Technology, Engineering and Math majors. (C-ID MATH 900S with MATH 180) (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

MATH-280L
Concurrent Support in Calculus II **1 UNITS**
Corequisite: MATH 280
3.0 hours laboratory
This course offers structured support to students who are concurrently enrolled in Analytic Geometry and Calculus II (Math 280). This support course includes just-in-time review of relevant prerequisite algebraic, geometric and trigonometric concepts, a more in-depth investigation of core concepts in their concurrent calculus course, as well as study and life skills necessary to succeed in rigorous college courses. This course emphasizes the community aspect of learning mathematics. This course is offered on a Pass/No Pass basis only. (Nondegree credit course)

MATH-281
Multivariable Calculus **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.
4.0 hours lecture
Math 281 is the third of a three-course sequence in calculus. Topics include vector valued functions, calculus of functions of more than one variable, partial derivatives, multiple integration, Green's Theorem, Stokes' Theorem, and divergence Theorem. (C-ID MATH 230) (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

MATH-284
Linear Algebra **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.
3.0 hours lecture
This course develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. Investigates the properties of vectors in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, and linear transformations. Selected applications of linear algebra are included. (C-ID MATH 250) (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

MATH-285
Differential Equations **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.
3.0 hours lecture
The course is an introduction to ordinary differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. Introduces the theoretical aspects of differential equations and systems of equations, including establishing when solutions exist and various techniques for obtaining solutions (series solutions, Laplace transforms, separation of variables, variation of parameters. etc.) (C-ID MATH 250) (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A,Cal-GETC-2)

Media Communications (MCOM)

MCOM-105
Introduction to Electronic and Digital Media **3 UNITS**
3.0 hours lecture
This course introduces the history, structure, function, economics, content, and evolution of radio, television, film, the Internet, and new media, including traditional and mature formats. The social, political, regulatory, ethical and occupational impact of the electronic media are also studied. (CSU)

MCOM-110
Mass Media and Society **3 UNITS**
3.0 hours lecture
Survey of the forms, functions and controls of the mass media, including television, motion pictures, radio, the recording industry, magazines, print journalism, multi-media, and current or emerging mass media technologies. Emphasis will be placed upon the ways in which the media and society influence and change each other. (C-ID JOUR 100) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

MCOM-111
Introduction to Film Analysis **3 UNITS**
3.0 hours lecture
This course introduces the close analysis of film and television texts. It examines the broad questions of form and content, aesthetics and meaning, and history and culture. Students explore the diverse possibilities presented by the cinematic art form through an examination of a wide variety of productions, national cinemas, and film movements. Topics include modes of production, narrative and non-narrative forms, visual design, editing, sound, genre, ideology, and critical analysis. (CSU/UC) (AA/AS-3, CSU-C1)

MCOM-112
Introduction to Reporting and News Writing **3 UNITS**
3.0 hours lecture
This course is an introduction to gathering, organizing, and writing news in journalistic style across multiple platforms, including the role of the journalist and related legal and ethical issues. Students will report and write based on their original interviews and research to produce news content for print, broadcast, and digital media. Experiences may include covering events, interviewing sources, writing under deadline, and implementing Associated Press style. (C-ID JOUR 110) (CSU)

MCOM-113
Media Announcing **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
Preparation and delivery of materials created by the student, or adapted from other works, before the microphone and/or camera. Participation in productions for radio and television. (CSU)

MCOM-116
Introduction to Audio Production **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This course is an introduction to the theory and practice of audio production for radio, television, film, and digital recording applications. Students will learn the fundamentals of sound design and aesthetics, microphone use, radio broadcast writing, and digital recording equipment. Students gain hands-on experience recording, editing, mixing, and mastering audio. Upon completion, students will have basic knowledge of applied audio concepts, production workflow, equipment functions, and audio editing software. (CSU)

MCOM-117
Television Studio Operations **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This course introduces the theory, terminology, and operation of a multi-camera television studio and control room. Topics include studio signal flow, directing, theory and operation of camera and audio equipment, switcher operation, fundamentals of lighting, graphics, video control and recording, and real-time video production.

MCOM-118
Media Script Writing **3 UNITS**
3.0 hours lecture
This is an introductory course in writing for film and digital media. Emphasis is placed on preparing scripts in proper formats, including fundamental technical, conceptual, and stylistic issues related to writing fiction and non-fiction scripts for informational and entertainment purposes. It includes writing evaluation as a significant course requirement. (CSU)

MCOM-119A
Radio and Podcasting Operations 1 **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" or concurrent enrollment in MCOM 116 or MCOM 113 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
Introductory course in theory and practical application of techniques for radio broadcasting, streaming, and podcasting. Students will gain and practice practical knowledge of on-and off-air radio and audio productions in both live and pre-recorded audio-based media-distributed platforms. This includes recording equipment, mixers, digital audio production, radio program formats, broadcast radio writing, and announcing skills. The course focuses on day-to-day operations and individual involvement in on-air news operations and training in live radio broadcasting and remote operations. (CSU)

MCOM-119B
Radio and Podcasting Operations 2 **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 119A or equivalent.
2.0 hours lecture, 4.0 hours laboratory
Intermediate course in theory and practical application of techniques for radio broadcasting, streaming, and podcasting. Students will continue to gain and practice practical knowledge of on-and off-air radio and audio productions in both live and pre-recorded audio-based media-distributed platforms. This includes recording equipment, mixers, digital audio production, radio program formats, broadcast radio writing, and announcing skills. The course focuses on day-to-day operations and individual involvement in on-air news operations and training in live radio broadcasting and remote operations. (CSU)

MCOM-119C
Radio and Podcasting Operations 3 **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 119B or equivalent.
2.0 hours lecture, 4.0 hours laboratory
Advanced capstone course in theory and practical application of techniques for radio broadcasting, streaming, and podcasting. Students will successively continue to gain and practice practical knowledge of on-and off-air radio and audio productions in both live and pre-recorded audio-based media-distributed platforms. This includes recording equipment, mixers, digital audio production, radio program formats, broadcast radio writing, and announcing skills. The course focuses on day-to-day operations and individual involvement in on-air news operations and training in live radio broadcasting and remote operations. (CSU)

MCOM-120
Single Camera Video Cinematography **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This course introduces the theory, terminology, and operation of single camera video production, including composition and editing techniques, camera operation, portable lighting, video recorder operation, audio control, and basic editing. It examines foundational media law and ethics pertaining to visual creations and focuses on the aesthetics and fundamentals of scripting, producing, and directing on location, postproduction, and exhibition. (CSU/UC)

MCOM-132A
Student News Production 1 **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 112 or equivalent.
1.0 hours lecture, 6.0 hours laboratory
The introductory course in a series of three, this student media practicum includes a lab that regularly produces a news or feature non-fiction product with a journalism emphasis by and for students and distributed to a campus or community audience. Includes weekly news assignments and a variety of student media across multiple platforms. The student will gain practical experience in design, visual, online, multimedia journalism, and emerging technologies. The publication is student-produced with student leadership. (C-ID JOUR 130) (CSU)

MCOM-132B
Student News Production 2 **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 132A or equivalent.
1.0 hours lecture, 6.0 hours laboratory
This course requires higher skill level and leadership involvement than Media Communication 132A. This intermediate student media practicum includes a lab that regularly produces a news or feature nonfiction product with a journalism emphasis by and for students and distributes it to a campus or community audience. Includes weekly news assignments and a variety of student media across multiple platforms. The student will gain practical experience in design, visual, online, multimedia journalism, and emerging technologies. The publication is student-produced with student leadership. (C-ID JOUR 131) (CSU)

MCOM-132C
Student News Production 3 **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 132B or equivalent.
1.0 hours lecture, 6.0 hours laboratory
This course requires the highest level of leadership in student news production. This advanced student media practicum includes a lab that regularly produces a news or feature nonfiction product with a journalism emphasis by and for students and distributes to a campus or community audience. Includes weekly news assignments and a variety of student media across multiple platforms. The student will gain practical experience in editorial leadership, design, visual, online, multimedia journalism, and emerging technologies. The publication is student-produced with student leadership. (CSU)

MCOM-151
Media Internship 1 **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 112 or MCOM 116 or MCOM 117 or equivalent.
After securing a media-related internship, students will observe operations and work onsite for an average of five hours per week over a full-length semester. Students will report progress to the MCOM internship coordinator. A log will be kept on student activities at the production site. (CSU) 54 hours paid or unpaid work experience per semester.

MCOM-153
Media Internship 2 **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 112 or MCOM 116 or MCOM 117 or equivalent.
After securing a media-related internship, students will observe operations and work onsite for 108 hours per semester. Students will report progress to the MCOM internship coordinator. A log will be kept on student activities at the production site. (CSU) 108 hours paid or unpaid work experience per semester.

MCOM-155
Media Internship 3 **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 112 or MCOM 116 or MCOM 117 or equivalent.
After securing a media-related internship, students will observe operations and work onsite for 162 hours per semester. Students will report progress to the MCOM internship coordinator. A log will be kept on student activities at theproduction site. (CSU) 162 hours paid or unpaid work experience per semester.

MCOM-210
Social Media in the Digital Age **3 UNITS**
3.0 hours lecture
This course examines the theory and ethics behind creating and consuming digital, social, and mobile media. Students will examine the fundamentals of social media and social networks. Students will also analyze ethical standards and legal issues in social media, appraise personal uses of social media, and evaluate professional uses for mass communication or media professions. (CSU)

MCOM-212
Multimedia Reporting **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 112 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course will provide an introduction to multimedia storytelling with a journalism emphasis. Techniques that will be explored include use of video, photos, audio, animation, and text to convey interactive news and feature stories through the Internet and other electronic media. It also will include techniques in digital research, critical thinking, and synthesis. (C-ID JOUR 120)

MCOM-216A
Audio Multi-track Production 1 **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 116 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course serves as an introduction to contemporary audio studio multi-track production and the use of multi-channel audio studio recording and mixing. Students will learn the fundamentals of digital multi-track recording and use of equipment. Students gain hands-on experience recording and editing audio. Emphasis is placed on pre-production, production, and post-production with the goal of enabling students to produce quality audio projects for use throughout the entertainment industry. (CSU)

MCOM-216B
Audio Multi-track Production 2 **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 216A or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course requires a higher skill level and involvement than MCOM 216 A. This intermediate course focuses on contemporary audio studio multi-track production and the use of multi-channel audio studio recording and mixing. Emphasis is placed on pre-production, production, and post-production with the goal of enabling students to produce quality audio projects for use throughout the entertainment industry. Students participate in group and individual digital projects while exploring audio production applications. (CSU)

MCOM-216C
Audio Multi-track Production 3 **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 216B or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course requires a higher skill level and involvement than MCOM 216B. This capstone course focuses on contemporary audio studio multi-track production and the use of multi-channel audio studio recording and mixing. Emphasis is placed on pre-production, production, and post-production with the goal of enabling students to produce quality audio projects for use throughout the entertainment industry. Students will engineer and lead other students in a full multi-track recording session and final edited mix. Students participate in group and individual project work to produce digital projects while exploring audio production applications and media sound design for distribution. (CSU)

MCOM-217
Television/Video News Producing and Directing **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 117 or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in MCOM 120 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
Students will learn to function as a member of a television production crew and will work with the tools involved in studio and field productions. Students will produce short-form, television news-style productions that will be compiled for public dissemination. The course will cover contemporary practices, stages, and operations affiliated with electronic news productions. Students will learn the functions of the producer, director, and other essential production personnel specifically in a news production context. Students will produce content for documentary-style news packages in the field and studio. (CSU)

MCOM-218
Advanced Screen Writing **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 118 or equivalent
3.0 hours lecture
This is an advanced course in writing for film, television or digital media. Emphasis is placed on creating and completing an original narrative story for the screen. Writing workshops and peer evaluation are significant course requirements.

MCOM-230
Digital Program Production **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MCOM 120 or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in MCOM 118 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This capstone course provides the theory, terminology, law, and process of motion picture production for film and television. Topics include basic cinematography including the operation, function, and creative uses of pre-production, production and post-production equipment, scriptwriting, ethics, camera operations, shot composition, lighting, sound recording and mixing, and editing. Students will conceive, write, and shoot footage for a short documentary or narrative film project, working in small groups on all aspects of pre-production and acquisition. (CSU)

MCOM-250
Introduction to Representation in the Media **3 UNITS**
3.0 hours lecture
This course will examine how socially constructed categories of gender, race, class, disability, sexuality, and ethnicity shape media texts and institutions as well as how media structure our understanding of these concepts through our everyday practices. Students will study and analyze representation within contemporary and historical media. Topics of discussion may include the role of the media outlets in setting societal norms, setting public agenda, and shaping popular perceptions. This course investigates the real and symbolic power of the media in shaping public opinion as expressed in contemporary global society. Students will consider representation and intersectionality of marginalized groups through the lens of critical studies and historical analysis. (CSU)

Music (MUS)

Unless specifically required by a transfer institution for preparation for a Music major, students are limited to four (4) enrollments in any combination of courses related in content (families). Students intending to major in Music at a California State University or University of California campus that requires more than the limit should see a counselor. See “Limitations on Enrollment” for specific groups of families in music.

MUS-001
Music Fundamentals **4 UNITS**
4.0 hours lecture
Basic elements of music. Notation, major and minor keys, intervals, triads and 7th chords with inversions. Musical terms and analysis of chord structures. Keyboard application. (CSU/UC)

MUS-002
Ear Training I **3 UNITS**
3.0 hours lecture
The first semester of a four-semester sequence, this is an introductory course designed to familiarize the student with the techniques necessary for musical transcription and dictation. Various approaches will be explored and examined in detail. These techniques will then be employed by the students in transcription and dictation of assigned music. (CSU/UC)

MUS-003
Ear Training II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 002 or equivalent.
3.0 hours lecture
The second semester of a four-semester sequence, this course is a continuation of Music 002 and is designed to further skill development in the techniques necessary for musical transcription and dictation. Various approaches will be explored and examined in detail. These techniques will then be employed by the students in transcription and dictation of assigned music. (CSU/UC)

MUS-004
Ear Training III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 003 or equivalent.
3.0 hours lecture
The third semester of a four semester sequence, this course is a continuation of Music 003 and is designed to further skill development in the techniques necessary for musical transcription and dictation. Various approaches will be explored and examined in detail. These techniques will then be employed by the students in transcription and dictation of assigned music. (CSU/UC)

MUS-005
Ear Training IV **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 004 or equivalent.
3.0 hours lecture
The fourth semester of a four semester sequence, this course is a continuation of Music 004 and is designed to further skill development in the techniques necessary for musical transcription and dictation. Various approaches will be explored and examined in detail. These techniques will then be employed by the students in transcription and dictation of assigned music. (CSU/UC)

MUS-038
Chorale for Adult Learner **0 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in MUS 239 or equivalent.
2.5 hours lecture, 2.5 hours laboratory
This course is designed for mature students who are interested in improving existing skills or developing a higher degree of expertise in the performance of choral music. This is a no fee/no credit course.

MUS-050
Orchestra for Adult Learner **0 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in MUS 251 or equivalent.
2.5 hours lecture, 2.5 hours laboratory
This course is designed for mature students who are interested in improving existing skills or developing a higher degree of expertise in the performance of orchestral music. This is a no fee/no credit course.

MUS-090
Preparatory Performance Studies I **0.5 UNITS**
1.5 hours laboratory
An introductory course designed to begin the preparation of the student for entrance into Music 190, Performance Studies. This course will enhance the musical progress of students who are currently receiving the equivalent of fifteen one-half hour lessons per semester of individual vocal or instrumental instruction. This course is offered on a Pass/ No Pass basis only. (Non-degree credit course.)

MUS-091
Preparatory Performance Studies II **0.5 UNITS**
1.5 hours laboratory
This course is designed to continue the preparation of the student for entrance into Music 190, Performance Studies. This course will enhance the musical progress of students who are currently receiving the equivalent of fifteen one-half hour lessons per semester of individual vocal or instrumental instruction. This course is offered on a Pass/ No Pass basis only. (Non-degree credit course.)

MUS-101
Jazz Improvisation I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 001 or 128 or 132 or equivalent.
3.0 hours lecture
This course will introduce the student to concepts and skills utilized in improvisation. Along the way, students will actively participate in exercises, experiments, and performances utilizing jazz vocabulary, scales, and theory. Major scales and diatonic arpeggios are memorized and applied to various jazz styles. The harmonic minor scale is applied to secondary dominants in chord progressions. (CSU/UC)

MUS-102
Jazz Improvisation II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 101 or equivalent.
3.0 hours lecture
Continuation of Music 101. This course will expand upon the concepts and skills utilized in improvisation. Along the way, students will participate in exercises, experiments, and performances utilizing jazz vocabulary, scales, and theory. Pentatonic scales and quartal/quintal harmony are introduced. The melodic minor scale as well as diminished and whole tone scales are applied to secondary dominants in various jazz styles. (CSU/UC)

MUS-105
Music Theory and Practice I **4 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in Music 001 or equivalent. Concurrent enrollment in Music 132.
4.0 hours lecture, 2.0 hours laboratory
An introduction to music theory and ear-training. Study of harmonic concepts of the 18th and 19th centuries. Rhythmic and melodic ear-training. Keyboard application and sight singing. (C-ID MUS 120) (CSU/UC)

MUS-106
Music Theory and Practice II **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 105 or equivalent.
Recommended Preparation: Concurrent enrollment in MUS 133.
4.0 hours lecture, 2.0 hours laboratory
Continuation of Music 105. Four-part writing, 7th chords, cadences, and non-chord tones. Rhythmic and melodic dictation and harmonic ear-training. Sight singing. Analysis of Bach Chorales and of binary and ternary forms. Introduction to secondary/applied chords and introduction to modulation. (C-ID MUS 130) (CSU/UC)

MUS-110
Great Music Listening **3 UNITS**
3.0 hours lecture
A listening and reading survey course to acquaint students with fundamental elements of musical style. Covers repertoire from a variety of cultures and periods with primary emphasis on the Western concert tradition. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

MUS-111
The History of Jazz **3 UNITS**
3.0 hours lecture
A listening and reading survey course covering the history of jazz from its origins to the present. Coverage includes style periods, signature artists, the broad cultural context of jazz, and the development of critical listening skills. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

MUS-115
The History of Rock Music **3 UNITS**
3.0 hours lecture
This course will present an overview of rock and rock-related music styles from the early 1950s up to the present. Coverage will also include the interplay of social and cultural trends with the innovations and achievements of individual artists, the ongoing influence of technology on music, the cross-fertilization of black and white popular music styles, and recurring cycles of rebellion against and assimilation by the popular music industry. In addition, basic musical concepts such as pitch, rhythm, and form will be introduced and applied to the music under consideration. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

MUS-116
Introduction to World Music **3 UNITS**
3.0 hours lecture
This course is designed to expand the student?s perspective about the nature of music around the world and also to demonstrate the relationship between musics in different cultures and will highlight elements common to all musics. Content may include the music of the cultures of India, China, Japan, Indonesia, Africa, Pacific Islands, the Middle East, Europe and the Americas. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

MUS-117
Introduction to Music History and Literature **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 001 or equivalent.
3.0 hours lecture
An introduction to the study of music history of the seven musical eras from the Ancient through the Twentieth Century periods. Parallel events in society, politics, and the other arts will be identified. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

MUS-118
Introduction to Music **4 UNITS**
4.0 hours lecture
The study of basic music theory including notation, rhythm, scales, intervals, triads, and sight singing. Introduction to basic rhythm instruments, development of keyboard facility and vocal skill. Designed for the pre-school and elementary education major. (CSU/UC)

MUS-123
History of Hip Hop Culture **3 UNITS**
3.0 hours lecture
This is a survey course that will examine the origins and rise of Hip-Hop as an artistic form and global cultural phenomenon. It is designed for students who wish to examine and explore Hip-Hop culture, while developing background knowledge of Hip-Hop history from the early 1970?s South Bronx to its national and international role today. The connections between rap music and the other elements of Hip-Hop culture will be explored and students will be challenged to think critically about rap music and its place in society. Controversial subjects such as censorship, racism, sexism, and racial politics in America will be discussed as they relate to the subject matter. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

MUS-124
Classical Guitar I **2 UNITS**
2.0 hours lecture
Beginning study of classical guitar technique and performance. Emphasis on reading music and guitar notation, left- and right-hand studies and performing simple guitar pieces. (CSU/UC)

MUS-125
Classical Guitar II **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 124 or equivalent.
2.0 hours lecture
Continuation of Classical Guitar I (Music 124). Two and three octave major and minor scales. Playing in upper positions. Sight reading and intermediate guitar solos. (CSU/UC)

MUS-126
Class Guitar I **2 UNITS**
2.0 hours lecture
A beginning course in guitar. Fundamentals of music as related to the guitar will be covered and will include scales and chords in all common keys, culminating in an ability to read guitar music at sight. (CSU/UC)

MUS-127
Class Guitar II **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 126 or equivalent.
2.0 hours lecture
Class Guitar II continues the studies begun in Class Guitar I. Fundamentals of music taught will include the playing of major and minor scales and the playing and use of chords in all keys, including chords used in the contemporary idioms. Fingerstyle and fingerboard work is refined. Student will be able to read at sight appropriate music for the guitar. (CSU/UC)

MUS-128
Music Theory for Guitar I **3 UNITS**
3.0 hours lecture, 1.0 hours laboratory
Music theory through guitar will focus on the understanding of scales, chords and fundamental harmony and their application to the guitar. This course will enhance the student?s playing skills, develop the ability to understand music one hears, and help students to improvise and write their own music. (CSU/UC)

MUS-129
Music Theory for Guitar II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 128 or equivalent.
3.0 hours lecture, 1.0 hours laboratory
Music Theory for the Guitar II is an advanced course for the student who has intermediate technical and theoretical skill on the guitar. The class will include advanced principles of theory on the guitar (playing in thirds, sixths, chord substitutions, different guitar turnings, etc.). There will also be advanced composition projects and improvisation sessions. (CSU/UC)

MUS-130
Beginning Bass Guitar **2 UNITS**
2.0 hours lecture
Fundamentals of music will be covered as they relate to the bass guitar will be covered and will include scales, rhythm, music reading, grooves, slap technique, and various playing styles. (CSU/UC)

MUS-132
Class Piano I **3 UNITS**
3.0 hours lecture
Note reading in treble and bass clefs. Major and minor key signatures. Scales, arpeggios and primary triads in major and minor keys. Transposition, improvisation and harmonization. Development of sight reading ability, two-handed coordination, correct fingering techniques and proper use of weight and relaxation in production of tone. (C-ID MUS 170) (CSU/UC)

MUS-133
Class Piano II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 132 or equivalent.
3.0 hours lecture
Continuation of Music 132. Scales in minor keys. Scales with hands together. Music literature performed in major and minor keys. Harmonization and sight reading in major and minor keys. Piano pieces in binary form with mixed texture including parallel, contrary and oblique motion. (C-ID MUS 171) (CSU/UC)

MUS-134
Jazz and Pop Piano I **2 UNITS**
2.0 hours lecture
An entry level piano class designed for non-music majors. Basic keyboard, music reading, and improvisational skills will be developed through the study of music from jazz and popular idioms. (CSU/UC)

MUS-135
Jazz and Pop Piano II **2 UNITS**
Recommended Preparation: A "C" or "Pass" grade or higher in Music 134 or equivalent.
2.0 hours lecture
A continuation of Music 134. A second semester class for students learning to play basic piano music with emphasis on jazz and popular idioms. (CSU/UC)

MUS-138
Grossmont Master Chorale **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative choral compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-139
Grossmont Master Chorale **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative choral compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-140
String Orchestra **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies representative string orchestra compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (CSU/UC)

MUS-141
String Orchestra **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies representative string orchestra compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (CSU/UC)

MUS-142
Middle Eastern Ensemble **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies music from regions of the Middle East and related areas through regular rehearsal and public performances. Emphasis will be placed on development of skills needed to perform in a large ensemble. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances.(CSU/UC)

MUS-143
Middle Eastern Ensemble **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies music from regions of the Middle East and related areas through regular rehearsal and public performances. Emphasis will be placed on development of skills needed to perform in a large ensemble. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances.(CSU/UC)

MUS-148
Classical Guitar Ensemble **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative guitar compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (CSU/UC)

MUS-149
Classical Guitar Ensemble **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative guitar compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (CSU/UC)

MUS-150
Grossmont Symphony Orchestra **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative orchestral compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-151
Grossmont Symphony Orchestra **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative orchestral compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-152
Concert Band **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies representative concert band ensemble compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-153
Concert Band **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies representative concert band ensemble compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-154
Afro-Cuban Ensemble **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative Afro-Cuban compositions in a wide variety of styles at regular rehearsals and public performances. Though the musical literature differs each semester, the students meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-155
Afro-Cuban Ensemble **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative Afro-Cuban compositions in a wide variety of styles at regular rehearsals and public performances. Though the musical literature differs each semester, the students meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-156
Jazz Ensemble **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies representative jazz compositions in a wide variety of styles at regular rehearsals and public performances. Though the musical literature differs each semester, the students meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-157
Jazz Ensemble **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies representative jazz compositions in a wide variety of styles at regular rehearsals and public performances. Though the musical literature differs each semester, the students meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-160
Introduction to Afro-Cuban Percussion **3 UNITS**
3.0 hours lecture
An introductory course designed to familiarize the student with Afro-Cuban percussion instruments. Topics will include the role of each instrument, rhythmic concepts, forms, structure, and application. Experience in Afro-Cuban music is not required. (CSU)

MUS-164
Musical Theatre Orchestra **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
A course emphasizing the performance of a variety of orchestral music ranging from Broadway musicals, semi-classical, classical, contemporary music and orchestral jazz standards. (CSU/UC)

MUS-165
Musical Theatre Orchestra **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
A course emphasizing the performance of a variety of orchestral music ranging from Broadway musicals, semi-classical, classical, contemporary music and orchestral jazz standards. (CSU/UC)

MUS-166
Jazz Vocal Ensemble **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative compositions for vocal jazz ensemble in a wide variety of styles at regular rehearsals and public performances. Though the musical literature differs each semester the student meets course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-167
Jazz Vocal Ensemble **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative compositions for vocal jazz ensemble in a wide variety of styles at regular rehearsals and public performances. Though the musical literature differs each semester the student meets course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-168
Jazz Combo Performance I **3 UNITS**
Prerequisite: Ability to play a musical instrument. Audition.
3.0 hours lecture
An introductory course designed to familiarize the student with the techniques and musical styles necessary for performing in a jazz combo. The roles played by each instrument will be explored and examined in detail. These techniques will then be employed by the students in performing assigned music together. (CSU/UC)

MUS-169
Jazz Combo Performance II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 168 or equivalent.
3.0 hours lecture
An intermediate level course designed to provide the student with the techniques and musical styles necessary for performing in a jazz combo. The roles played by each instrument will be explored and examined in detail. These techniques will then be employed by the students in performing assigned music together. (CSU/UC)

MUS-170
Class Voice **2 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in MUS 001 or ability to read music.
2.0 hours lecture
A course designed to help the student learn to use the voice correctly. Principles of vocal placement, posture, balance, breath control and vocal tone emphasized through individual performances. (CSU/UC)

MUS-171
Class Voice **2 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in MUS 001 or ability to read music.
2.0 hours lecture
A course designed to help the student learn to use the voice correctly. Principles of vocal placement, posture, balance, breath control and vocal tone emphasized through individual performances. (CSU/UC)

MUS-180
Modern Drumset Technique I **3 UNITS**
3.0 hours lecture
This course will present, by demonstration, description, and notation, the skills and knowledge that are necessary for a drummer to play in a variety of musical styles, including rock, funk, slow blues and shuffle. The student will develop the techniques needed to perform such music. Emphasis will be on reading, writing, and coordination, as the student develops his/her drumset musicianship. (CSU/UC)

MUS-181
Modern Drumset Technique II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 180 or equivalent.
3.0 hours lecture
This course will present an overview of jazz drumset styles. The student will be introduced to the various techniques necessary to play in the jazz idiom. The styles of historically significant drummers will be presented and discussed. (CSU/UC)

MUS-183
Basic Synthesizer Programming **2 UNITS**
2.0 hours lecture, 1.0 hours laboratory
An introduction to the basic parameters of electronic music leading to programming of monophonic and polyphonic synthesizers. Includes experience in the use of analog, digital, and computer music systems. (CSU)

MUS-187
Midi Sequencing and Recording **2 UNITS**
2.0 hours lecture, 1.0 hours laboratory
Production of multi-track recordings through the use of MIDI synthesizers, sequencers and related equipment. (CSU)

MUS-189
Multimedia and the Creative Arts **3 UNITS**
3.0 hours lecture
The creative potential that multimedia allows us cannot be studied in a vacuum. Today's powerful new technologies demand a critical examination of the disciplines of art, music, theatre, audio-video and film to fully understand the impact that multimedia can have in every aspect of our contemporary lives. This cross-disciplinary survey course will provide the perspective needed to fully understand the computer's relevance to the creative endeavors of visual and performing artists, photographers, musicians, filmmakers and videographers. This course will present a short history of each discipline, attempting to isolate important issues within a larger historical context as well as providing the cultural, aesthetic and ethical implications each medium has encountered with the introduction of the computer as a creative tool. Students will be guided toward defining the relevance of each medium within the broader context of multimedia, as well as exploring the convergence of these disciplines within the broader context of multimedia, as well as exploring the convergence of these disciplines within the ever-changing new technologies of this century. (CSU/UC)

MUS-190
Performance Studies **0.5 UNITS**
Prerequisite: Audition.
1.5 hours laboratory
Primarily for music majors, this course is designed to enhance the musical progress of students who are currently receiving the equivalent of fifteen one-half hour lessons per semester of individual vocal or instrumental instruction. In-depth study of performances and techniques. Participation in class performances and student recitals is required. (C-ID MUS 160) (CSU/UC)

MUS-191
Performance Studies **0.5 UNITS**
Prerequisite: Audition.
1.5 hours laboratory
Primarily for music majors, this course is designed to enhance the musical progress of students who are currently receiving the equivalent of fifteen one-half hour lessons per semester of individual vocal or instrumental instruction. In-depth study of performances and techniques. Participation in class performances and student recitals is required. (C-ID MUS 160) (CSU/UC)

MUS-201
Jazz Improvisation III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 102 or equivalent.
3.0 hours lecture
Continuation of Music 102. This course will expand upon the concepts and skills utilized in improvisation. Along the way, students will actively participate in exercises, experiments, and performances utilizing jazz vocabulary, scales, and theory. Developing pentatonic and melodic minor arpeggios in a jazz solo. Breaking down the jazz lines for the sake of making more music with fewer notes. (CSU/UC)

MUS-202
Jazz Improvisation IV **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 201 or equivalent.
3.0 hours lecture
Continuation of Music 201. This course will expand upon the concepts and skills utilized in improvisation. Along the way, students will actively participate in exercises, experiments, and performances utilizing jazz vocabulary, scales, and theory. Applying at will, six different sounds during the jazz solo: (1) melodic minor, (2) harmonic minor, (3) whole tone, (4) diminished, (6) modality. (CSU/UC)

MUS-203
Jazz Piano III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 133 or equivalent.
3.0 hours lecture
Continuation of Music 133. Review of major and minor scales and modes. Common jazz chord progressions. Ensemble playing and accompaniment. Jazz pieces in blues and rounded ternary form. Designed for the jazz studies emphasis in the music degree. (CSU/UC)

MUS-204
Jazz Piano IV **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 203 or equivalent.
3.0 hours lecture
Continuation of Music 233. Keyboard harmony and chord progression cycles. Reading fake books. Ensemble playing and accompaniment. Piano literature from jazz history. Designed for the jazz studies emphasis in the music degree. (CSU/UC)

MUS-205
Music Theory and Practice III **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 106 or equivalent.
Recommended Preparation: Concurrent enrollment in MUS 232.
4.0 hours lecture, 2.0 hours laboratory
Continuation of Music 106. Chromatic harmony of the 18th and 19th centuries including secondary dominants, borrowed chords and altered chords. Rhythmic, melodic and harmonic dictation. Sight singing. Analysis of Bach Chorales. Form analysis of Sonata-form, Minuet/Scherzo, Rondo, and Theme and Variations. (C-ID MUS 140) (CSU/UC)

MUS-206
Music Theory and Practice IV **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 205 or equivalent.
Recommended Preparation: Concurrent enrollment in MUS 233.
4.0 hours lecture, 2.0 hours laboratory
Continuation of Music 205. Harmony of the Post-Romantic and 20th century styles. Expanded tonality. Use of church modes, pentatonic, synthetic and dodecaphonic scales. Parallelism, pandiatonicism, twelve-tone technique, aleatory music and electronic music. Study of the 18th century two-part counterpoint. Ear-training and sight singing. (C-ID MUS 150) (CSU/UC)

MUS-210
Elements of Jazz I **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 106 or equivalent.
4.0 hours lecture
This class will introduce the student to the creative language of jazz via the study of chord voicings, harmonic and melodic analysis, ear training, and improvisational concepts. Jazz scales, form and harmonic chord structure will be examined. Standard repertoire in jazz style will be used for analysis. (CSU/UC)

MUS-211
Elements of Jazz II **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 210 or equivalent.
4.0 hours lecture
The genre of music known as Be Bop represents the innovations of Charlie Parker, Dizzy Gillespie, Bud Powell, Thelonious Monk, Charles Mingus, Max Roach, and Kenny Clarke. Elements of Jazz II extends and elaborates the principles that were introduced in Elements of Jazz I. (CSU/UC)

MUS-212
Piano III **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 113 or equivalent.
2.0 hours lecture
Piano for non-music majors. Continuation of Music 113. Harmonization of melodies using primary and secondary triads. Playing solo piano pieces. (CSU/UC)

MUS-213
Piano IV **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 212 or equivalent.
2.0 hours lecture
Piano for non-music majors. Continuation of Music 212. Harmonization with different forms of accompaniment. Solo piano pieces and duet playing. (CSU/UC)

MUS-224
Classical Guitar III **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 125 or equivalent.
2.0 hours lecture
Continuation of Classical Guitar II. Advanced right and left-hand studies. Playing in upper positions. Sight reading and performance of advanced guitar solos. (CSU/UC)

MUS-226
Class Guitar III **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 127 or equivalent.
2.0 hours lecture
Continuation of Music 127. Introduction of chord and scale alterations. Theory of how chords and scales are used in contemporary music. (CSU/UC)

MUS-232
Class Piano III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 133 or equivalent.
3.0 hours lecture
Continuation of Music 133. Multiple octave performance of major and minor scales. Authentic and plagal cadences. Reading of four-part chorales. Ensemble playing and accompaniment. Intermediate piano pieces in ternary form. (C-ID MUS 180) (CSU/UC)

MUS-233
Class Piano IV **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 232 or equivalent.
3.0 hours lecture
Continuation of Music 232. Keyboard harmony and deceptive cadence. Reading an open score. Ensemble playing and accompaniment. Piano literature from the 18th through the 20th centuries. (CSU/UC)

MUS-238
Grossmont Master Chorale **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative choral compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-239
Grossmont Master Chorale **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative choral compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-240
String Orchestra **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity-based course that studies representative string orchestra compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances.

MUS-241
String Orchestra **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity-based course that studies representative string orchestra compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances.

MUS-242
Middle Eastern Ensemble **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies music from regions of the Middle East and related areas through regular rehearsals and public performances. Emphasis will be placed on development of skills needed to perform in a large ensemble. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances.

MUS-243
Middle Eastern Ensemble **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies music from regions of the Middle East and related areas through regular rehearsals and public performances. Emphasis will be placed on development of skills needed to perform in a large ensemble. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances.

MUS-248
Classical Guitar Ensemble **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative guitar compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (CSU/UC)

MUS-249
Classical Guitar Ensemble **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative guitar compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (CSU/UC)

MUS-250
Grossmont Symphony Orchestra **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative orchestral compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-251
Grossmont Symphony Orchestra **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative orchestral compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-252
Concert Band **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies representative concert band ensemble compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-253
Concert Band **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies representative concert band ensemble compositions in a wide variety of styles at regular rehearsals and public performances. Musical literature differs each semester to allow the student to meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-254
Afro-Cuban Ensemble **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative Afro-Cuban compositions in a wide variety of styles at regular rehearsals and public performances. Though the musical literature differs each semester, the students meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-255
Afro-Cuban Ensemble **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative Afro-Cuban compositions in a wide variety of styles at regular rehearsals and public performances. Though the musical literature differs each semester, the students meet course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-256
Jazz Ensemble **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies representative compositions for vocal jazz ensemble in a wide variety of styles at regular rehearsals and public performances. Though the musical literature differs each semester the student meets course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-257
Jazz Ensemble **1 UNITS**
Prerequisite: Audition
3.0 hours laboratory
An activity based course that studies representative compositions for vocal jazz ensemble in a wide variety of styles at regular rehearsals and public performances. Though the musical literature differs each semester the student meets course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-264
Musical Theatre Orchestra **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
A course emphasizing the performance of a variety of orchestral music ranging from Broadway musicals, semi-classical, classical, contemporary music and orchestral jazz standards. (CSU/UC)

MUS-265
Musical Theatre Orchestra **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
A course emphasizing the performance of a variety of orchestral music ranging from Broadway musicals, semi-classical, classical, contemporary music and orchestral jazz standards. (CSU/UC)

MUS-266
Jazz Vocal Ensemble **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative compositions for vocal jazz ensemble in a wide variety of styles at regular rehearsals and public performances. Though the musical literature differs each semester the student meets course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-267
Jazz Vocal Ensemble **1 UNITS**
Prerequisite: Audition.
3.0 hours laboratory
An activity based course that studies representative compositions for vocal jazz ensemble in a wide variety of styles at regular rehearsals and public performances. Though the musical literature differs each semester the student meets course objectives through weekly/semesterly repetition in rehearsals and in-class performances. (C-ID MUS 180) (CSU/UC)

MUS-268
Jazz Combo Performance III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 169 or equivalent.
3.0 hours lecture
An intermediate/advanced course designed to increase students? expertise with the techniques and musical styles necessary for performing in a jazz combo. The roles played by each instrument will be explored and examined in detail. These techniques will then be employed by the students in performing assigned music together. (CSU/UC)

MUS-269
Jazz Combo Performance IV **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MUS 268 or equivalent.
3.0 hours lecture
An advanced course designed to enhance the students? expertise with the techniques and musical styles necessary for performing in a jazz combo. The roles played by each instrument will be explored and examined in detail. These techniques will then be employed by the students in performing assigned music together. (CSU/UC)

MUS-270
Class Voice **2 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in MUS 001 or ability to read music.
2.0 hours lecture
A course designed to help the student learn to use the voice correctly. Principles of vocal placement, posture, balance, breath control and vocal tone emphasized through individual performances. (CSU/UC)

MUS-271
Class Voice **2 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in MUS 001 or ability to read music.
2.0 hours lecture
A course designed to help the student learn to use the voice correctly. Principles of vocal placement, posture, balance, breath control and vocal tone emphasized through individual performances. (CSU/UC)

MUS-290
Performance Studies **0.5 UNITS**
Prerequisite: Audition.
1.5 hours laboratory
Primarily for music majors, this course is designed to enhance the musical progress of students who are currently receiving the equivalent of fifteen one-half hour lessons per semester of individual vocal or instrumental instruction. In-depth study of performances and techniques. Participation in class performances and student recitals is required. (C-ID MUS 160) (CSU/UC)

MUS-291
Performance Studies **0.5 UNITS**
Prerequisite: Audition.
1.5 hours laboratory
Primarily for music majors, this course is designed to enhance the musical progress of students who are currently receiving the equivalent of fifteen one-half hour lessons per semester of individual vocal or instrumental instruction. In-depth study of performances and techniques. Participation in class performances and student recitals is required. (C-ID MUS 160) (CSU/UC)

Nursing (NURS)

NURS-099
Nursing Skills Lab **0 UNITS**
Prerequisite: Admission to the Nursing Program.
10.0 hours laboratory
This course is designed to provide nursing students with individual and small-group redemonstration of basic and advanced bedside nursing skills. Supervised practice is available on a recurring, as-needed, and/or drop-in basis to improve student's performance levels. This course is offered on a pass/no pass basis only. This is a no fee/no credit course.

NURS-101
Clinical Reasoning Skills for First Semester Nursing Students **2 UNITS**
Corequisite: NURS 120
2.0 hours lecture
This course is designed to help first-semester nursing students develop clinical reasoning skills to provide care for patients with basic medical-surgical problems. A variety of experiences are used to enhance clinical reasoning skills such as verbal discussion of various patient care scenarios, evolving patient case studies, simulations, and National Council Licensure Examination (NCLEX) practice questions. This course is offered on a Pass/No Pass basis only. This is an elective course in the Nursing Program.

NURS-102
Clinical Reasoning Skills for Second Semester Nursing Students **2 UNITS**
Corequisite: NURS 130 or NURS 132.
2.0 hours lecture
This course is designed to help second semester nursing students develop clinical reasoning skills to provide care for medical-surgical, pediatric, and obstetric patients. A variety of experiences are used to enhance clinical reasoning skills such as verbal discussion of various patient care scenarios, evolving patient case studies, simulations, and National Council Licensure Examination (NCLEX) practice questions. This course is offered on a Pass/No Pass basis only. This is an elective course in the Nursing Program.

NURS-103
Clinical Reasoning Skills for Third Semester Nursing Students **2 UNITS**
Corequisite: NURS 220 or NURS 222.
2.0 hours lecture
This course is designed to help third semester nursing students develop clinical reasoning skills to provide care for patients with advanced medical-surgical and mental health problems. A variety of experiences are used to enhance clinical reasoning skills such as verbal discussion of various patient care scenarios, evolving patient case studies, simulations, and National Council Licensure Examination (NCLEX) practice questions. This course is offered on a Pass/No Pass basis only. This is an elective course in the Nursing Program.

NURS-104
Clinical Reasoning Skills for Fourth Semester Nursing Students **2 UNITS**
Corequisite: NURS 230.
2.0 hours lecture
This course is designed to help fourth-semester nursing students develop clinical reasoning skills to provide care for patients with advanced medical-surgical problems including critical, life-threatening events that the students might not ordinarily encounter in the clinical setting. A variety of experiences are used to enhance clinical reasoning skills such as verbal discussion of various patient care scenarios, evolving patient case studies, simulations, and National Council Licensure Examination (NCLEX) practice questions. This course is offered on a Pass/No Pass basis only. This is an elective course in the Nursing Program.

NURS-118
Nursing Pharmacology **2 UNITS**
Prerequisite: Admission to the Registered Nursing Program.
Corequisite: NURS 120 or equivalent.
2.0 hours lecture
This course is designed to familiarize nursing students with the knowledge needed for safe administration of medications in the clinical setting. Students will be introduced to basic pharmacological concepts, including pharmacotherapeutics, pharmacodynamics, and pharmacokinetics. Special consideration for the nursing role in administering drugs from a variety of major drug classifications will be presented. As the students utilize the nursing process, emphasis will be placed on safety, critical thinking, pharmacologic principles related to aging, patient education and effective communication across the healthcare continuum. This is a required course for the Nursing Program. (CSU)

NURS-120
Fundamentals of Nursing **8 UNITS**
Prerequisite: Admission to the Registered Nursing Program.
Corequisite: NURS 118 or equivalent.
3.5 hours lecture, 13.5 hours laboratory
Nursing 120 is the introductory nursing course. The focus is on the development of technical nursing skills and related theory as a basis for further nursing coursework. Nursing theory addresses assessment of persons and their environment in determining their state of health. The focus is on adult patients throughout the lifespan. Nursing care planning is introduced. Course content includes: the normal aging process, communication skills, physical assessment, and the nursing process. Scientific principles are used to support the nursing diagnosis. The nursing care of patients with disorders such as stroke, hypertension, heart failure, and COPD will be introduced. Concurrent clinical experience is in acute settings. This is a required course for the Nursing Program. (CSU)

NURS-130
Medical-Surgical Nursing I **5 UNITS**
Prerequisite: Admission to the Registered Nursing Program.
3.0 hours lecture, 6.0 hours laboratory
This course focuses on the biological, psychological, social, cultural and spiritual changes patients and their families experience from diagnosis through treatment of acute and chronic medical conditions. This course builds on previous coursework, utilizing the nursing process, therapeutic communication and critical thinking in meeting the health care needs of adult individuals and families across the healthcare continuum. The focus is on adult patients throughout the lifespan. Emphasis is placed on genitourinary, orthopedic, neurologic, and gastrointestinal disorders requiring surgery. Concepts of evidence-based practice will be integrated throughout the course. Concurrent clinical experiences in acute care settings, the operating room and post-anesthesia care units are designed to reinforce concepts learned and practiced during the course. This is a required course for the Nursing Program. (CSU)

NURS-132
Obstetric and Pediatric Nursing **5 UNITS**
Prerequisite: "C" grade or higher in NURS 120 or equivalent.
3.0 hours lecture, 6.0 hours laboratory
Building on the knowledge and skills of Nursing 120, the student learns about nursing care of the obstetric and pediatric patient populations. Obstetric nursing addresses the physiologic and psychosocial changes women and their families experience during pre-conception, pregnancy, birth, and postpartum, as well as the impact of the childbearing cycle on the family, population health, and outcomes. Pediatric nursing addresses the nursing management of children with alternations in health, many of which result in chronic illnesses. Environmental factors such as physical, psychological, social, spiritual and cultural elements are discussed in the way they impact the pediatric and obstetric patients and their families. Refinement of critical thinking skills, clinical decision-making, and a focus on growth and development are emphasized. Concurrent clinical experience is in acute and ambulatory care settings. This is a required course for the Nursing Program. (CSU)

NURS-210
LVN-RN Bridge Course **2 UNITS**
Prerequisite: A current, active California LVN license in good standing. Admission to the Nursing Program.
1.5 hours lecture, 1.5 hours laboratory
This course is designed to prepare the licensed vocational nurse for entry into an associate degree nursing program. This course focuses on the theory and application of concepts of critical thinking, physical assessment, nursing process, disease process, and nursing skills for the care of medical-surgical, pediatric, and obstetric patients. A variety of experiences are used to broaden nursing knowledge and skills to encompass the scope of practice of the Registered Nurse. These experiences may include verbal discussion of various patient care scenarios, evolving patient case studies, simulations, and National Council Licensure Examination (NCLEX) practice questions.

NURS-220
Medical-Surgical Nursing II **5.5 UNITS**
Prerequisite: "C" grade or higher in NURS 130 and 132 or equivalent.
3.0 hours lecture, 7.5 hours laboratory
This course addresses patient focused nursing care of individuals with alterations in body organ systems to include endocrine, neurologic, renal, hepatobiliary, and immune diseases or disorders. The care of patients with cancer will also be addressed. The focus is on adult patients throughout the lifespan. The nurse considers the unique characteristics and abilities of the person, including the impact of the environment on the state of health and illness in the context of acute and chronic disorders, with a focus on the effects of aging on organ function. Concurrent clinical experience is in acute settings. This is a required course for the Nursing Program. (CSU)

NURS-222
Psychiatric and Community Health Nursing **5.5 UNITS**
Prerequisite: "C" grade or higher in NURS 130 and 132 or equivalent.
3.0 hours lecture, 7.5 hours laboratory
This course focuses on the nursing management of patients who have psychosocial and behavioral disorders. This course will also explore the role of the nurse caring for individuals, families, communities, and populations, with an emphasis on designing, implementing, and evaluating population-based interventions to promote health. Emphasis is placed on health promotion and prevention of population-based health problems. Consideration is given to populations experiencing chronic health problems being cared for in the home and community. The focus is on nursing considerations regarding environmental factors such as physical, psychological, social, spiritual, and cultural elements and the way they impact hospitalized patients as well as those in outpatient and community settings throughout the lifespan. Concurrent clinical experiences are in acute, outpatient, and community settings, including day treatment centers. This is a required course for the Nursing Program. (CSU)

NURS-230
Medical-Surgical Nursing III **8 UNITS**
Prerequisite: "C" grade or higher in NURS 220 and 222 or equivalent.
3.5 hours lecture, 14.0 hours laboratory
This course focuses on the nursing theory and nursing management of adult patients across the lifespan with multi system alterations in health which are more complex than those studied previously. There is an emphasis on diseases and disorders in the cardiac, pulmonary, vascular, and neurologic systems. There is a strong emphasis on the application of critical thinking and clinical decision-making in high acuity settings. The course also offers a campus laboratory designed to teach the students technical skills necessary to manage high acuity patients. Advanced airway management, ventilator management, hemodynamic monitoring, ECG interpretation, advanced neuro assessment, and other complex skills are presented. Concurrent clinical experience is in acute care and critical care settings. Concepts related to current issues in nursing as well as those related to the role transition from student to new graduate will also be integrated throughout the course. This is a required course for the Nursing Program. (CSU)

NURS-251A
Work-Study Externship **1 UNITS**
Prerequisite: "C" grade or higher in NURS 120 or equivalent and approval by the Nursing faculty.
A work-study course authorized by the California Board of Registered Nursing in which a Grossmont College nursing student is employed by or volunteers at a clinical site with clinical facilities that have an established affiliation agreement with the Nursing Program. The clinical site supports the objectives of the course and provides supervision through RN mentors and preceptors. The student applies previously acquired nursing theory and clinical skills in the management of patient care. The college instructor and practice site mentors meet periodically to evaluate progress towards meeting objectives. This course is offered on a Pass/No Pass basis only and may be repeated three times. This is an elective course in the Nursing Program. (CSU) 54 hours work experience per semester.

NURS-251B
Work-Study Externship **1 UNITS**
Prerequisite: "C" grade or higher in NURS 120 or equivalent and approval by the Nursing faculty.
A work-study course authorized by the California Board of Registered Nursing in which a Grossmont College nursing student is employed by or volunteers at a clinical site with clinical facilities that have an established affiliation agreement with the Nursing Program. The clinical site supports the objectives of the course and provides supervision through RN mentors and preceptors. The student applies previously acquired nursing theory and clinical skills in the management of patient care. The college instructor and practice site mentors meet periodically to evaluate progress towards meeting objectives. This course is offered on a Pass/No Pass basis only and may be repeated three times. This is an elective course in the Nursing Program. Off Campus: Hospital (See instructor for hospital location). 54 hours paid or unpaid work experience per semester.

NURS-251C
Work-Study Externship **1 UNITS**
Prerequisite: "C" grade or higher in NURS 120 or equivalent and approval by the nursing faculty.
A work-study course authorized by the California Board of Registered Nursing in which a Grossmont College nursing student is employed by or volunteers at a clinical site with clinical facilities that have an established affiliation agreement with the Nursing Program. The clinical site supports the objectives of the course and provides supervision through RN mentors and preceptors. The student applies previously acquired nursing theory and clinical skills in the management of patient care. The college instructor and practice site mentors meet periodically to evaluate progress towards meeting objectives. This course is offered on a Pass/No Pass basis only and may be repeated three times. This is an elective course in the Nursing Program. Off Campus: Hospital (See instructor for hospital location). 54 hours paid or unpaid work experience per semester.

NURS-252A
Work-Study Externship **2 UNITS**
Prerequisite: "C" grade or higher in NURS 120 or equivalent and approval by the Nursing faculty.
A work-study course authorized by the California Board of Registered Nursing in which a Grossmont College nursing student is employed by or volunteers at a clinical site with clinical facilities that have an established affiliation agreement with the Nursing Program. The clinical site supports the objectives of the course and provides supervision through RN mentors and preceptors. The student applies previously acquired nursing theory and clinical skills in the management of patient care. The college instructor and practice site mentors meet periodically to evaluate progress towards meeting objectives. This course is offered on a Pass/No Pass basis only and may be taken three times. This is an elective course in the Nursing Program. 108 hours paid or unpaid work experience per semester. (CSU)

NURS-252B
Work-Study Externship **2 UNITS**
Prerequisite: "C" grade or higher in NURS 120 or equivalent and approval by the nursing faculty.
A work-study course authorized by the California Board of Registered Nursing in which a Grossmont College nursing student is employed by or volunteers at a clinical site with clinical facilities that have an established affiliation agreement with the Nursing Program. The clinical site supports the objectives of the course and provides supervision through RN mentors and preceptors. The student applies previously acquired nursing theory and clinical skills in the management of patient care. The college instructor and practice site mentors meet periodically to evaluate progress towards meeting objectives. This course is offered on a Pass/No Pass basis only and may be taken three times. This is an elective course in the Nursing Program. (CSU) 108 hours paid or unpaid work experience per semester. Nursing students may not enroll in this class without a faculty sponsor. Contact the instructor listed for an add code, or for more information contact the Nursing Department Office at (619)644-7300. Off Campus: Hospital (See instructor for hospital location).

NURS-252C
Work-Study Externship **2 UNITS**
Prerequisite: "C" grade or higher in NURS 120 or equivalent and approval by the nursing faculty.
A work-study course authorized by the California Board of Registered Nursing in which a Grossmont College nursing student is employed by or volunteers at a clinical site with clinical facilities that have an established affiliation agreement with the Nursing Program. The clinical site supports the objectives of the course and provides supervision through RN mentors and preceptors. The student applies previously acquired nursing theory and clinical skills in the management of patient care. The college instructor and practice site mentors meet periodically to evaluate progress towards meeting objectives. This course is offered on a Pass/No Pass basis only and may be taken three times. This is an elective course in the Nursing Program. (CSU) 108 hours paid or unpaid work experience per semester. Nursing students may not enroll in this class without a faculty sponsor. Contact the instructor listed for an add code, or for more information contact the Nursing Department Office at (619)644-7300. Off Campus: Hospital (See instructor for hospital location).

NURS-253A
Work-Study Externship **3 UNITS**
Prerequisite: "C" grade or higher in NURS 120 or equivalent and approval by the nursing faculty.
A work-study course authorized by the California Board of Registered Nursing in which a Grossmont College nursing student is employed by or volunteers at a clinical site with clinical facilities that have an established affiliation agreement with the Nursing Program. The clinical site supports the objectives of the course and provides supervision through RN mentors and preceptors. The student applies previously acquired nursing theory and clinical skills in the management of patient care. The college instructor and practice site mentors meet periodically to evaluate progress towards meeting objectives. This course is offered on a Pass/No Pass basis only and may be taken three times. This is an elective course in the Nursing Program. (CSU) 162 hours paid or unpaid work experience per semester. Nursing students may not enroll in this class without a faculty sponsor. Contact the instructor listed for an add code, or for more information contact the Nursing Department Office at (619)644-7300. Off Campus: Hospital (See instructor for hospital location).

NURS-253B
Work-Study Externship **3 UNITS**
Prerequisite: "C" grade or higher in NURS 120 or equivalent and approval by the nursing faculty.
A work-study course authorized by the California Board of Registered Nursing in which a Grossmont College nursing student is employed by or volunteers at a clinical site with clinical facilities that have an established affiliation agreement with the Nursing Program. The clinical site supports the objectives of the course and provides supervision through RN mentors and preceptors. The student applies previously acquired nursing theory and clinical skills in the management of patient care. The college instructor and practice site mentors meet periodically to evaluate progress towards meeting objectives. This course is offered on a Pass/No Pass basis only and may be taken three times. This is an elective course in the Nursing Program. (CSU) 162 hours paid or unpaid work experience per semester. Nursing students may not enroll in this class without a faculty sponsor. Contact the instructor listed for an add code, or for more information contact the Nursing Department Office at (619)644-7300. Off Campus: Hospital (See instructor for hospital location).

NURS-253C
Work-Study Externship **3 UNITS**
Prerequisite: "C" grade or higher in NURS 120 or equivalent and approval by the nursing faculty.
A work-study course authorized by the California Board of Registered Nursing in which a Grossmont College nursing student is employed by or volunteers at a clinical site with clinical facilities that have an established affiliation agreement with the Nursing Program. The clinical site supports the objectives of the course and provides supervision through RN mentors and preceptors. The student applies previously acquired nursing theory and clinical skills in the management of patient care. The college instructor and practice site mentors meet periodically to evaluate progress towards meeting objectives. This course is offered on a Pass/No Pass basis only and may be taken three times. This is an elective course in the Nursing Program. (CSU) 162 hours paid or unpaid work experience per semester. Nursing students may not enroll in this class without a faculty sponsor. Contact the instructor listed for an add code, or for more information contact the Nursing Department Office at (619)644-7300. Off Campus: Hospital (See instructor for hospital location).

Nutrition (NUTR)

NUTR-155
Introduction to Nutrition **3 UNITS**
3.0 hours lecture
This course is an introduction of the fundamentals of nutrition as it relates to personal health and wellbeing. Current nutrition information (and misinformation) will be discussed to determine optimal dietary choices. Students will analyze their personal diets using evidence-based dietary goals and guidelines. Other topics include weight maintenance techniques, eating disorders, food labeling, food safety and special needs at various stages in the life cycle. The information covered will be practical and relevant to assist students in achieving a healthy, balanced relationship with food. (CSU/UC) (AA/AS-4, CSU-E)

NUTR-158
Nutrition for Fitness and Sports **3 UNITS**
3.0 hours lecture
Students will investigate the effects of nutrition and various dietary regimens on athletic performance, physical fitness, and general health. Students will compare the physiological effects of optimal nutrition vs. inadequate nutrition for the general population as well as athletes. Cultural, sociological, and psychological influences on diet, nutrition and athletic performance will be examined thoroughly. Current "fad" and supposed performance-enhancing diets and supplements will be discussed. (CSU) (AA/AS-4, CSU-E)

NUTR-159
Cultural Aspects of Food and Nutrition **3 UNITS**
3.0 hours lecture
This course explores the regional, ethnic, cultural, religious, historical, geographical, and social influences on food patterns, cuisines, and health, as well as how food is viewed as an expression of cultural identity and diversity. An overview of nutrition-related health disparities and inequities within racial and ethnic groups is discussed and assessed. Also examined are traditional foods, food availability, and global food issues. Connections are drawn between major historical events and how and why these events affected and defined the culinary traditions of different societies. Issues of diversity, equity and inclusion within the nutrition and dietetics profession are also discussed. This course is for students interested in a career in nutrition, culinary, hospitality management, and those with an interest in ethnic cuisine. (CSU/UC) (AA/AS-4,CSU-E)

NUTR-200
Foods and Nutrition: Overview and Opportunities **1 UNITS**
1.0 hours lecture
This course will provide students with an overview of career opportunities in the foods, nutrition, and dietetics. Students will be guided through the professional and academic pathways that will prepare them to join the field as registered dietitian nutritionists (RDNs), nutrition and dietetic technicians, registered (NDTRs), certified dietary manager (CDM), as well as other opportunities in the field. Students will also learn about trends in the nutrition and dietetics field, ethics for nutrition professionals, and issues related professional practice.

NUTR-205
The Scientific Principles of Food Preparation **4 UNITS**
Corequisite: Concurrent enrollment in CHEM 116 or a "C" grade or higher or "Pass" in CHEM 116 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This course explores the science of food with an emphasis on the chemical compounds, chemical reactions and physical changes that occur during food preparation. The course will examine the function and interaction of ingredients, food safety and sanitation standards, and the effects of preparation methods on the nutrient composition and palatability of foods. The course includes hands-on experience in sensory evaluation techniques and standards, as well as a variety of food preparation techniques. (CSU)

NUTR-255
Science of Nutrition **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BIO 120 and CHEM 115 or CHEM 120 or equivalent.
3.0 hours lecture
This course will establish the relationship between foods and science through the study and integration of chemistry, biology and nutrition science. Understanding of the metabolism, functions and sources of nutrients will be covered in detail to correlate the role they have in promotion of health and disease prevention. Discussion of the challenges that occur during the human lifecycle and how nutrient needs change will be covered. This course includes evaluation from a scientific perspective of current concepts, controversies, and dietary recommendations. Nutritional issues as they relate to weight maintenance, eating disorders, food labeling, food safety and special needs at various stages in the lifestyle will be thoroughly examined. (CSU/UC) (CSU-E)

Occupational Therapy Assistant (OTA)

OTA-099
Occupational Therapy Assistant Skills Lab **0 UNITS**
Prerequisite: Admission to the Occupational Therapy Program
6.0 hours laboratory
This course is designed to provide current Occupational Therapy Assistant students with individual and small group re-demonstration of basic and advanced therapeutic skills. Supervised practice is available on a recurring, as needed, and/or drop-in basis to improve student's performance levels and increase retention and success outcomes. This course is offered on a pass/no pass basis only. This is a no fee/no credit course.

OTA-100
Fundamentals of Occupational Therapy **2 UNITS**
Prerequisite: Admission to Occupational Therapy Assistant Program.
Corequisite: OTA 111
2.0 hours lecture
The philosophical base, definition and history of occupational therapy are examined. Through an historical approach, frames of reference and models of practice within the profession are reviewed. Occupation as a health determinant is emphasized. The meaning of professionalism is examined. A broad range of practice areas is investigated. Various systems and service models are described. Ethics of the profession and standards of practice are examined and applied to practice situations. Legislation and legal issues affecting the profession are reviewed. (CSU)

OTA-102
Rehabilitation Terminology, Diseases and Diagnoses **2 UNITS**
Prerequisite: Admission to Occupational Therapy Assistant Program.
2.0 hours lecture
A comprehensive course that is designed to offer students proficiency in the use of terminology utilized in a variety of rehabilitation settings. Basic medical terminology will be incorporated including prefixes, roots and suffixes. This course will include an in-depth study of common diseases and diagnoses found in rehabilitation. Occupational therapy databases, sites and resources will be explored via the internet. (CSU)

OTA-105
Fundamentals of Activity/Therapeutic Media **3 UNITS**
Prerequisite: OTA 111
2.0 hours lecture, 3.0 hours laboratory
Through experiential learning, students will explore and develop skills in performing processes required in minor crafts, gross motor activities, Innovation technology (3D Printer, Glowforge, etc) games and simple work tasks. The focus of OT in daily life activities is reviewed. Emphasis is on the use of the occupational therapy practice framework (OTPF) to perform activity analysis and adaptation from the perspective of work and play/leisure tasks throughout the lifespan, and addresses physical, psychosocial and cognitive needs. Safety in the use of therapeutic activities is emphasized. Students will learn to teach techniques in applying therapeutic media to a group. Students will also be introduced to documentation techniques using the OTPF. (CSU)

OTA-107
Occupational Therapy Assistant Preliminary Skills **0.5 UNITS**
Prerequisite: Admission to the Occupational Therapy Program.
0.5 hours lecture
This course is designed to provide students entering the Occupational Therapy Assistant program with the necessary preliminary preparation to attend lectures, laboratory, and clinical courses. Students will be required to access library resources in preparation for writing evidence-based, peer-reviewed research papers in the English language about common diagnoses and will begin to review lists of medical terminology, body systems, and their joints/muscles/movements. Students will review criteria for professionalism and will become familiar with OT professional organizations. Students can obtain assistance with completing and submitting forms, on a recurring, as needed, and/or drop-in basis. Students will be provided information about the college's resources, including financial aid, Accommodation Resource Center, Tutoring, and basic needs. Students will be required to meet with Student Success Advisors to improve student's performance levels and increase retention and success outcomes in the Occupational Therapy Assistant program. (CSU)

OTA-110
Occupational Skills-Psychosocial **4 UNITS**
Corequisite: OTA 100 and 101 and 111.
4.0 hours lecture
Interpersonal communication is explored and practiced on many different levels including: didactic communication, group process, teamwork, supervision, and collaboration. Occupational Therapy models of practice in psychiatry and psychiatric conditions and treatment approaches are examined. Techniques for intervention are observed and practiced such as: interviewing, clinical observation, documentation, and communication. Group tasks, roles, stages, and processes are examined. (CSU)

OTA-111
Fieldwork 1A **1 UNITS**
Corequisite: OTA 100, 105, 115, and 117
3.0 hours laboratory
Fieldwork 1A is designed to acquaint the student with the day-to-day activities in the clinical setting for individuals with psychosocial issues that interfere with occupations and roles and enable them to select within the broad arena of Occupational Therapy. This experience enables students to apply academic knowledge to practice and develop an understanding of the needs of clients, setting and staff. (CSU)

OTA-115
Dynamics of Human Movement **4 UNITS**
Corequisite: OTA 111
3.0 hours lecture, 3.0 hours laboratory
The structure and organization of the human body are examined and analyzed in relation to functional movements required for work, play and self-care activities. Occupational therapy theory for treating persons who have physical disabilities is reviewed with special attention to neurological and musculoskeletal systems. Physical conditions typically seen by the occupational therapy assistant are defined and examined. Functional manual muscle testing, goniometry, and sensory perception testing are learned and practiced. Principles of kinesiology are presented in relation to functional mobility, body mechanics, energy conservation and joint protection. (CSU)

OTA-117
Introduction to Personal and Professional Responsibilities **2 UNITS**
Prerequisite: Admission to the Occupational Therapy Program
Corequisite: OTA 111
2.0 hours lecture
This course introduces students to the fundamental professional and personal responsibilities of an occupational therapy assistant. Emphasizing the development of a professional identity, students will explore topics such as therapeutic use of self, professional behaviors, and effective communication skills. The course also covers self-care strategies and time management to promote personal well-being. Through lectures, discussions, and practical activities, students will gain an understanding of the core values and expectations in the field of occupational therapy, preparing them to navigate their academic and professional journeys successfully. (CSU)

OTA-125
Occupational Skills-Psychosocial Interventions **3 UNITS**
Corequisite: OTA 141
2.0 hours lecture, 3.0 hours laboratory
Individual and group interactions related to occupational therapy intervention are examined. Theories of practice that explain interpersonal behavior from an occupational therapy perspective and psychiatric conditions treated by the occupational therapy assistant are reviewed. The therapeutic use of self and collaboration with the registered occupational therapist and other healthcare professionals with an emphasis on team work is investigated. Interviewing, observation, communication, individual interventions, group process skills, and documentation with an emphasis on cultural differences are introduced, discussed, and practiced. Group roles and stages are examined. The differences between task groups and talk groups are analyzed. (CSU)

OTA-130
Dynamics of Human Movement **4 UNITS**
Prerequisite: "C" grade or higher in OTA 100 and 101 and 110.
Corequisite: OTA 120 and 140 and 141.
3.0 hours lecture, 3.0 hours laboratory
The structure and organization of the human body are examined and analyzed in relation to functional movements required for work, play and self-care activities. Occupational therapy theory for treating the physically disabled is reviewed with special attention to neurological and musculoskeletal systems. Physical conditions typically seen by the occupational therapist are defined and examined. Functional manual muscle testing, goniometry, and sensory perception testing are learned and practiced. Principles of kinesiology are presented in relation to functional mobility, body mechanics, energy conservation and joint protection. (CSU)

OTA-135
Occupational Therapy Skills in Physical Rehabilitation, Orthopedic, and Medical Intervention **3 UNITS**
Prerequisite: "C" grade or higher in OTA 100, 105, 115, and 117.
3.0 hours lecture
This course provides an introduction to the evaluation and treatment of individuals with orthopedic and medical conditions affecting physical function. Students will explore the etiology, pathophysiology, and medical management of common physical disabilities while developing skills in functional assessment, therapeutic intervention, and adaptive strategies. Emphasis is placed on applying principles of biomechanics and kinesiology to analyze movement and create evidence-based treatment plans that promote independence in daily activities. Students will also gain experience in documentation, therapeutic communication, and behavioral management while considering the psychosocial impact of physical disabilities on clients and their families. Collaboration with an interdisciplinary healthcare team will be emphasized to ensure comprehensive, client-centered care. (CSU)

OTA-140
Occupational Skills Development in Pediatric Roles **3 UNITS**
Prerequisite: "C" grade or higher in OTA 100, 105, 115 and 117.
Corequisite: OTA 141
2.0 hours lecture, 3.0 hours laboratory
This course examines the biological, psychosocial, and environmental factors that influence typical development and developmental challenges in a child's roles from infancy to early adulthood. Adaptation and adjustment to limitations in occupational performance are explored. The role of the occupational therapy assistant in prevention and rehabilitation programs within medical and community settings such as hospitals, infant programs, schools, and private practice is defined. Evaluation, and treatment techniques, and documentation are examined including activities that facilitate age-appropriate balance of work, self-care and play/leisure behaviors. The underlying performance components necessary for successful occupational behaviors are presented. Emphasis is placed on collaboration with families, caregivers, teachers, and other members of the treatment team. (CSU)

OTA-141
Experiential/Simulation II **1 UNITS**
Corequisite: OTA 120 and 130 and 140.
3.0 hours laboratory
A laboratory experience that includes observing and identifying normal and abnormal developmental behaviors in the pediatric population. This course builds on previous introduction practicum experience and is designed to reinforce and augment understanding of principles and techniques for observing, assessing, planning and implementing occupational therapy treatment sessions with pediatric clients. (CSU)

OTA-145
Assistive Technology for Occupational Therapies Assistants **2 UNITS**
Prerequisite: "C" grade or higher in OTA 100, 105, 115, 117
Corequisite: OTA 221
1.0 hours lecture, 3.0 hours laboratory
The knowledge and application of assistive devices are fundamental in the practice of occupational therapy across diagnostic categories and age groups. This course presents an introduction to a broad range of equipment from "low-technology" to complex "high-technology" devices. Topics include: adaptive equipment for activities of daily living, home modifications, personal mobility, and adapted driving, computer accessibility, and communication aides. The environments in which assistive technologies are used will be explored including home, school, work, play and recreation. The populations with whom assistive technology can be used across the lifespan. (CSU)

OTA-200
Introduction to Occupational Therapy Skills in Physical Rehabilitation **3 UNITS**
Prerequisite: "C" grade or higher in OTA 101.
3.0 hours lecture
The normal occupational performance in development of adult and geriatric roles is explored. The physical, socioeconomic, environmental factors, lifestyle choices, and physical factors that influence adult and geriatric occupational performance in their roles. Exploration of the recovery process, from acute care to rehabilitation for physical and psychosocial conditions, is reviewed. The role of the occupational therapy assistant in prevention and rehabilitation programs is defined. Involvement in assessment, intervention, and therapeutic activities that facilitate age appropriate occupational behaviors is practiced. The discharge process and collaboration with other professionals and community agencies is included as part of the treatment continuum. (CSU)

OTA-205
Evidence Based Practice **2 UNITS**
1.0 hours lecture, 3.0 hours laboratory
This course equips students with the knowledge and skills necessary to apply evidence-based practice (EBP) principles in occupational therapy. Students will learn to critically appraise research literature, integrate clinical evidence with practitioner expertise, and consider client preferences to inform effective intervention strategies. Students will explore this process through the application of these skills to several case-based scenarios. Upon completion of the course, students will develop the ability to make informed, evidence-based decisions that enhance client outcomes and support best practices in occupational therapy. (CSU)

OTA-210
Assistive Technology in Occupational Therapy **3 UNITS**
Prerequisite: "C" grade or higher in OTA 200.
Corequisite: OTA 220 and 221 and 230.
2.0 hours lecture, 3.0 hours laboratory
The knowledge and application of assistive devices are fundamental in the practice of occupational therapy across diagnostic categories and age groups. This course presents an introduction to a broad range of equipment from "low-technology" to complex "high-technology" devices involving micro-electronics. Topics include: adapted equipment for activities of daily living, home modifications, personal mobility and adapted driving, computer accessibility, communication aides. The environments in which assistive technologies are used will be explored including home, school, work, play and recreation. (CSU)

OTA-217
Advanced Personal and Professional Responsibilities **2 UNITS**
Prerequisite: A grade or "C" or higher in OTA 205
Corequisite: OTA-221
2.0 hours lecture
This course prepares occupational therapy assistant students for the national certification exam and successful entry into the workforce. Emphasizing advanced professional and personal responsibilities, students will review key content areas, practice test-taking strategies, and complete mock exams. The course also covers job search skills, including resume writing, interview techniques, and professional networking. Students will develop a comprehensive career plan and explore continuing education opportunities to support lifelong learning. Through lectures, workshops, and practical activities, students will gain the confidence and skills needed to transition smoothly from education to professional practice.

OTA-220
Occupational Therapy Skills for Physical Dysfunction, Neurologic, and Medical Interventions **3 UNITS**
Prerequisite: "C" grade or higher in OTA 200.
Corequisite: OTA 210 and 221 and 230.
2.0 hours lecture, 3.0 hours laboratory
This course is the second in a series focusing on intervention strategies for individuals who have physical conditions with a focus on neurological and medical conditions. Building on foundational knowledge, students will apply advanced concepts of anatomy, physiology, and rehabilitation techniques to develop and modify treatment plans for clients with complex physical disabilities. Emphasis is placed on enhancing clinical reasoning, conducting comprehensive functional assessments, and utilizing specialized therapeutic techniques such as manual therapy, neuromuscular re-education, and assistive technology. Students will integrate client-centered approaches that address psychosocial and environmental factors while applying ethical decision-making in complex clinical scenarios. Collaboration within an interdisciplinary healthcare team will be emphasized to support effective discharge planning and community reintegration. (CSU)

OTA-221
Experiential/Simulation III **1 UNITS**
Corequisite: OTA 210 and 220 and 230.
3.0 hours laboratory
A laboratory course providing a continuation of experiential/simulation learning with a focus on treatment planning, safety precautions, contraindications and documentation in OTA Program affiliated adult and geriatric rehabilitation settings. (CSU)

OTA-225
Occupational Justice **2 UNITS**
Prerequisite: A grade of "C" or higher in OTA 205
Corequisite: OTA-221
2.0 hours lecture
This course explores the concept of occupational justice and its significance in occupational therapy practice. Students will examine how social, cultural, economic, and political factors impact individuals' access to meaningful occupations and overall well-being. The course emphasizes the role of occupational therapy assistants in advocating for equitable opportunities and addressing occupational injustices faced by diverse populations. Through lectures, case studies, and community projects, students will develop skills in identifying and addressing barriers to occupational participation, promoting inclusion, and supporting social change.

OTA-230
Occupational Therapy Management **2 UNITS**
Prerequisite: "C" grade or higher in OTA 200.
Corequisite: OTA 210 and 220 and 221.
2.0 hours lecture
Occupational Therapy Management explores the operations of an occupational therapy department. This course presents an introduction to basic management issues including: clerical, organizational, fiscal and supervisory components. Topics relate to traditional and nontraditional settings where occupational therapy assistants may be employed. Legal and ethical issues are explored. Quality assurance, research and continuing education to support continued professional growth are emphasized. Techniques for developing a resume, participating in an interview and requirements to practice are discussed and practiced. Practice opportunities in community based programs will be explored. (CSU)

OTA-240
Clinical Practicum IV **6 UNITS**
Prerequisite: "C" grade or higher in OTA 140 and 230.
18.0 hours laboratory
This experience involves a ten week assignment for 40 hours per week of clinical experience under the direct supervision of a registered occupational therapist or a certified occupational therapy assistant. The student will assist in all phases of practice including observation, evaluation, treatment and documentation. This course must be successfully completed in order to continue on with Occupational Therapy Assistant 241, Clinical Practicum V. This course is offered on a Pass/No Pass basis only. (CSU)

OTA-241
Clinical Practicum V **6 UNITS**
Prerequisite: "C" grade or higher in OTA 230.
18.0 hours laboratory
This experience involves a ten-week assignment with each week being a full time work week of clinical experience under the direct supervision of a registered occupational therapist or a certified occupational therapy assistant. The student will assist in all phases of practice including observation, evaluation, treatment and documentation. Successful completion of this course is necessary for the student to be eligible to sit for the national certification examination. This course is offered on a Pass/No Pass basis only. (CSU)

Oceanography (OCEA)

OCEA-112
Introduction to Oceanography **3 UNITS**
3.0 hours lecture
A physical science course which examines major aspects of the marine environment. Topics include origin of the oceans, plate tectonics, sea floor features, properties of sea water, ocean climate, currents, waves, tides, coastal landforms, marine ecology, pollution and resources. The development of the field of oceanography and the present and future importance of the oceans are also discussed. (CSU/UC) (AA/AS-5, CSU-B1, IGETC-5A, Cal-GETC-5A)

OCEA-113
Oceanography Laboratory **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in OCEA 112 or equivalent or concurrent enrollment.
3.0 hours laboratory
Provides hands-on oceanographic experience to accompany and augment Oceanography 112. The course will include laboratory and field investigations of the marine environment, emphasizing the geological, chemical, physical, and biological aspects of the ocean. Lab activities may include, but are not limited to, field trips to obtain samples, analysis of data, and visits to oceanographic facilities (such as research institutions and aquariums). (CSU/UC) (AA/AS-5, CSU-B1, IGETC-5A, Cal-GETC-5A)

OCEA-150
Field Study of the Natural History of the Greater San Diego Region **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in BIO 110 or 120; or GEOG 120 or 121 or 140; or GEOL 110 or 111; or OCEA 112 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
An exciting, team-taught, interdisciplinary, field-based study of the natural environment of the San Diego region, including related parts of Imperial, Riverside, and Orange Counties. Vans are utilized to visit sites that best illustrate (1) the region?s physical environment (including tectonics, geologic history, geomorphology, hydrology, meteorology, climatology, and soils), (2) the evolutionary response to environmental variation (focusing on coastal sage scrub, chaparral, and desert ecosystems), and (3) the interaction of humans with the natural environment. Emphasis on field measurement includes use of GPS, compass, clinometer, maps, the current Jepson plant taxonomy, etc. Four weekends in spring semester only. Overnight campouts required. Students with credit in Oceanography150 will not be able to enroll in Biology 150, Geography 150 or Geology 150. (CSU/UC)

Orthopedic Technology (OT)

OT-110
Orthopedic Anatomy and Physiology **5 UNITS**
Prerequisite: Admission to the Orthopedic Technology Program.
Corequisite: Concurrent enrollment in OT 111 and OT 112.
5.0 hours lecture
A study of the development of the muscular-skeletal systems with the emphasis on gross anatomy of the bones, arterial and venous perfusion, and relevant nervous innervation as they relate to the treatment of orthopedic injuries. (CSU)

OT-111
Orthopedic Techniques I **4 UNITS**
Prerequisite: Admission to the Orthopedic Technology Program
Corequisite: Concurrent enrollment in OT 110 and OT 112.
1.0 hours lecture, 9.0 hours laboratory
An introduction to cast room protocols, including instrumentation, the techniques for the application of the basic types of casts and the special considerations required for treatment of orthopedic trauma cases. The course will include the application of orthopedic casts in the campus laboratory setting and clinical setting. (CSU)

OT-112
Introduction to Clinical Practicum **3 UNITS**
Prerequisite: Admission to the Orthopedic Technology Program
Corequisite: Concurrent enrollment in OT 110 and OT 111.
3.0 hours lecture
This course prepares the Orthopedic Technology student for the clinical setting with topics such as HIPAA, infection control, radiation safety, basic patient care, interpersonal communication, cultural diversity, ethics, professionalism in the healthcare environment, and expectations of the Orthopedic Technology student during clinical assignments in both the hospital and private practice setting. (CSU)

OT-210
Diagnosis and Treatment of Orthopedic Disorders I **5 UNITS**
Prerequisite: "C" grade or higher in OT 110.
Corequisite: OT 211 and 212.
4.5 hours lecture, 1.5 hours laboratory
This course provides advanced instruction in the diagnosis and treatment of orthopedic disorders. Students will be provided techniques for the treatment of orthopedic injuries. This course also offers a campus laboratory designed to teach students advanced application of orthopedic devices for patients with acute and chronic injuries. (CSU)

OT-211
Orthopedic Techniques II **4 UNITS**
Prerequisite: "C" grade or higher in OT 111.
Corequisite: OT 210 and 212.
1.0 hours lecture, 9.0 hours laboratory
This course is a continuation of Orthopedic Technology 111 with emphasis on advanced cast room protocols, instrumentation, orthopedic casting techniques and the assessment and treatment of casting complications. Emphasis will be on the application of advanced assessment and diagnosis of orthopedic injuries through the analysis of x-rays. Application of special casts, pediatric casts, full-body casts and various traction configurations and techniques. (CSU)

OT-212
Supervised Hospital Clinical Practicum I **3 UNITS**
Prerequisite: "C" grade or higher in OT 112.
Corequisite: OT 210 and 211.
9.0 hours laboratory
This course is designed to provide clinical application of orthopedic technology in a hospital environment. Students participate in the normal day-to-day activities of an orthopedic service where they develop and refine their skills in the application of orthopedic casts, set up and application of traction devices and the pre and post operative care of the orthopedic patient. The student is required to demonstrate clinical orthopedic competencies as part of this course. (CSU)

OT-214
Supervised Hospital Clinical Practicum II **4 UNITS**
Prerequisite: "C" grade or higher in OT 212.
Corequisite: OT 215
12.0 hours laboratory
This course is a continuation of Orthopedic Technology 212, Supervised Clinical Practicum I, and is designed to teach the clinical application of orthopedic techniques in the clinical environment. Students will apply casts, assist in the reduction of fractures, apply and maintain traction configurations and devices, apply total body casts, and assist the orthopedic surgeon in minor and major surgical procedures. Students will also participate in pre-and post-operative patient teaching. (CSU)

OT-215
Diagnosis and Treatment of Orthopedic Disorders II **3 UNITS**
Prerequisite: A grade "C" or better in OT 210 and 211.
Corequisite: Concurrent enrollment in OT 214.
3.0 hours lecture
This course is a continuation of OT 211 with emphasis on advanced orthopedic conditions, disorders, and treatment of the spine, specialty casting and certification Board exam review and preparation. (CSU)

OT-220
Work Experience Externship **2 UNITS**
Prerequisite: "C" grade or higher in OT 214 and OT 215 and approval of the OT faculty.
A work experience course in which a Grossmont College orthopedic student volunteers at a clinical site with which the Orthopedic Technology Program has established an affiliation agreement. The clinical site supports the objectives of the course and provides supervision through Orthopedic Technology mentors and preceptors. The student applies previously acquired orthopedic theory and clinical skills in the management of orthopedic patients. This course is offered on a Pass/No Pass basis only. (CSU) 108 hours work experience per semester.

Personal Dev-Success Services (PDSS)

PDSS-095

Study Strategies for Students with Disablilities **1 UNITS**

1.0 hours lecture

Students who are neurodiverse and/or have communicative, cognitive, intellectual, physical, visual, hearing, or mental health disabilities will receive instruction and practical experience in time management, study reading, note-taking, studying for tests, and test-taking. The course emphasizes the development of compensatory strategies that enhance students' opportunities for academic success. This course is offered on a Pass/No Pass basis only. (Nondegree credit course)

PDSS-097

Basic Writing for Students with Disabilities **2 UNITS**

2.0 hours lecture

This course provides instruction in basic written language skills and knowledge to improve grammar, mechanics, usage, and composing skills for students with disabilities. Students will write narrative and expository paragraphs, focusing on the application of grammatical and mechanical rules and concepts in the context of writing. This course is offered on a Pass/ No Pass basis only. (Nondegree credit course)

PDSS-098

Writing Fundamentals for Students with Disabilities **2 UNITS**

2.0 hours lecture

This course provides instruction in fundamental written language skills and knowledge designed to improve grammar, mechanics, usage, and composing skills for students who are neurodiverse and/or have communicative, cognitive, intellectual, physical, visual, hearing, or mental health disabilities. Students will write narrative and expository paragraphs as well as expository essays, focusing on the application of grammatical and mechanical rules and concepts in the context of writing. This course is offered on a Pass/No Pass basis only. (Nondegree credit course)

Philosophy (PHIL)

PHIL-110
A General Introduction to Philosophy **3 UNITS**
3.0 hours lecture
Students in this course explore fundamental philosophical issues by investigating theories and problems about the nature of reality, human knowledge, and values. Familiar and unfamiliar views are examined, which exhibit various philosophic methodologies, and such views are related to our actions and experiences. Students will have the opportunity to assess their own views in light of the answers provided by philosophers, past and present. (C-ID PHIL 100) (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

PHIL-111
Philosophy and Popular Culture **3 UNITS**
3.0 hours lecture
Philosophy and Popular Culture is designed to render relevant the insights, theories and conclusions of philosophers through the ages to the 21st Century American thinker. In contemporary times, people find themselves confronted with a unique set of dilemmas: moral and political relativism, ethical dilemmas, gender issues, consumerism, economic inequalities, the rising distrust of intellectualism and the dissolution of the American Dream. In this course, we investigate how the philosophical tradition has evaluated such developments and how philosophical thinking of the past can be a valuable tool in the quest to live an autonomous and meaningful life amidst these apparently dehumanizing trends. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,Cal-GETC-3B)

PHIL-115
History of Philosophy I: Ancient and Medieval **3 UNITS**
3.0 hours lecture
Students will learn about ancient philosophy with an emphasis on the development of philosophy from Socrates, Buddha, to Aristotle and then moving to Augustine, Ibn Sina, Aquinas, and other representatives of the medieval period. Students in this course will also explore other philosophical traditions in this time period, such as Mayan thought. This is a foundational course for any student who wishes to learn the history of ideas. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,Cal-GETC-3B)

PHIL-117
History of Philosophy II: Modern and Contemporary **3 UNITS**
3.0 hours lecture
This course is an exploration of philosophy from the Renaissance to the 21st century, including the development of modern scientific processes, phenomenology, existentialism, empiricism, rationalism, justice and so on. Alternatives to Western traditions are also considered. Students will encounter systems of thought coinciding with the rise of science, colonization, industrialization, trade unionism, technology, the climate crisis, and the great concentration of wealth. In this course, we will learn of our intellectual heritage and how it shapes the world in which we find ourselves. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

PHIL-120
Asian and Pacific Philosophies **3 UNITS**
3.0 hours lecture
This course examines major Asian and Pacific philosophies, with focus on metaphysical, epistemological, and ethical questions. Special attention is given to family and the just society, and alternative conceptions of the self, time, and reality are also explored. Asian Pacific thought is an alternative to that of the Occident. These differences manifest in the larger cultural and socio-political contexts of the respective peoples. Students will emerge from this course with a greater understanding of the sources of their own fundamental beliefs. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B,Cal-GETC-3B)

PHIL-125
Critical Thinking and Philosophical Composition **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in ENGL C1000 or ESL 122 or equivalent.
3.0 hours lecture
In this course, students will philosophically examine and write about a diverse array of historical and contemporary human experiences, including but not limited to metaphysical assumptions of race, class, and gender, for example, which have implications for knowledge, ethics, aesthetics, justice, and existential meaning. Students will generate argumentative theses and refine essay length sustained complex arguments. Topics to be explored include principles of deduction and induction, logical fallacies in language and thought, fact versus judgment, science and superstition, and how to overcome cognitive biases in thought and writing. This Philosophy seminar is designed to enhance the student's critical thinking, writing, and research skills in preparation for upper division academic activity. (CSU/UC) (AA/AS-2, CSU-A3, IGETC-1B, Cal-GETC-1B)

PHIL-130
Logic **3 UNITS**
3.0 hours lecture
Logic is the study of the principles of correct reasoning. These principles deal with the nature of rational thought and the criteria for making critical judgments. The course undertakes the analysis of human thinking using both natural language and symbolic language. Students will develop logical skills to evaluate their opinions and beliefs and will apply these skills to the practical problems of everyday life. (C-ID PHIL 110) (C-ID PHIL 110) (CSU/UC) (AA/AS-2, CSU-A3)

PHIL-140
Problems in Ethics **3 UNITS**
3.0 hours lecture
This course is an introduction to ethics in theory and in practice. This study involves the exploration of moral theories and principles in order to see how they apply to the individual and society. We will critically examine some of the major schools of moral thought in Western philosophy, as well as some Eastern philosophy. These theories will be applied to some of the primary ethical problems that we face, as individuals and as societies, and will continue to confront. (C-ID PHIL 120) (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

PHIL-141
Bioethics **3 UNITS**
3.0 hours lecture
This course introduces students to the range of issues that define bioethics, the fundamental moral issues that arise in medicine, health, and biotechnology. These philosophical issues involve critical dilemmas at the intersections of law, society, culture, public policy, religion and economics. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

PHIL-142
Ethics of Technology **3 UNITS**
3.0 hours lecture
This applied ethics course considers the impacts of rapidly evolving technologies from a variety of moral frameworks. Students in this course will critically reflect upon emergent technologies, such as artificial intelligence, surveillance systems, robotics, and digital platforms, with the aid of applicable ethical systems. The significant effects of technology are experienced in our homes, communities, and even globally. In this course, we will explore instances of technology in our lives, such as in education or housing, with the goal of developing ethical strategies for technological development and applications. We will also explore the moral arguments underscoring our cybersecurity efforts. (CSU)

PHIL-145
Social and Political Philosophy **3 UNITS**
3.0 hours lecture
This course is a philosophical examination into the nature of the relationship between morality, politics and social justice, from a multi-cultural perspective. Topics may include: the political significance of religion and culture, the concept of natural law, the existence and nature of rights, the obligation of citizens to their society, the nature of a just society, and theories of reward and punishment. Focus will be on the topics of: justice, equality, liberty, human rights, and the nature and limits of authority. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

PHIL-150
The Philosophy of Art **3 UNITS**
3.0 hours lecture
Human beings make aesthetic judgments every day. Why do we decide that something is either beautiful or ugly? What criteria do we use to decide if a movie is good or not? Do our likes and dislikes connect to moral and intellectual judgments? This course is an introduction to major theories in aesthetics designed to help the students clarify and evaluate their own aesthetic judgments. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

PHIL-155
The Philosophy of Science **3 UNITS**
3.0 hours lecture
Philosophy of science is a branch of epistemology (theory of knowledge) which deals with the truths of science. As a theory of knowledge it asks what it means for a theory to be "true," and how does science yield knowledge? It is an investigation into the nature and methods of scientific reasoning, in order to evaluate the truth claims of science. It also forces us to distinguish between scientific and non-scientific methodology. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

PHIL-160
Latin American Philosophy **3 UNITS**
3.0 hours lecture
The course begins with the indigenous philospohies of Latin America, such as that of the Maya, and proceeds to the colonial period, under which students will learn of imported philosophies such as Scholasticism and Enlightenment thought. The curriculum then turns to the striving for independence in the post-colonial period, and the uneasy tension between positivism and inclusion. As the course turns to the thought of the Twentieth Century, the philosophies of liberation, postmodernism and globalism are explord. The conclusion of this course is a survey of the Latin American philosophies of our century, including those arising in the United States. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

PHIL-170
Philosophy of Religion **3 UNITS**
3.0 hours lecture
This course explores philosophical questions and themes related to religion, including arguments for and against the existence of gods, the nature of religious experience, the problem of evil, predestination, the causal relation between the sublime and secular, and the relationship between faith and reason. Students critically engage with philosophical treatments of various deities and supernatural concepts to evaluate the status of religious beliefs in comparison to scientific ones, along metaphysical, moral, and phenomenological dimensions.

PHIL-200
Philosophy of the War on Drugs **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in PHIL 110 or equivalent.
3.0 hours lecture
The US "War on Drugs" has arguably resulted in tremendous harms to our communities, especially our most vulnerable ones. In this course, we consider the rationale behind this war by examining and critiquing its philosophical assumptions - such as crime and punishment, social and political ideologies, free will and addiction, virtue, and personal responsibility. Related topics will include race, gender, class, sexual orientation, non-binary and other identifications as they relate to outcomes for these populations with respect to this war. The overarching question of this course is whether the War on Drugs is philosophically justifiable, and therefore, just. (CSU)

Photography (PHOT)

PHOT-150
Introduction to Photography **3 UNITS**
2.0 hours lecture, 4.0 hours laboratory
Introductory course that examines the nature of photography and visual literacy through the personal exploration and making of photographic images with various image-making devices, and various image-processing approaches, including the use of Adobe Photoshop and an analog (film) darkroom. The primary focus of the course will be to engage in photographic practice as a means to respond subjectively as well as objectively to the conceptual and aesthetic experiences of the photographic image as a visual document of creative expression and communication. Historical and contemporary photographic works from the contexts of the family album, art photography, commercial/advertising photography, photography and media, and cyberspace will be examined and critically discussed to further cultivate and refine each students' visual literacy of the photographic image in society and culture. Any type of lens-based, image-making device including smart phones, digital point-and-shoot cameras, and digital SLRs can be used. (CSU/UC) (AA/AS-3)

PHOT-151
Personal Photographic Vision **3 UNITS**
2.0 hours lecture, 4.0 hours laboratory
This course examines the foundations of photographic seeing, thought and analysis, and the use of analog (film) and digital photographic materials and processes, including black and white film, digital grayscale, and color (film and digital). Primary focus of the course is the development of a personal photographic vision through the use of photography's aesthetic attributes and a refined sense of technical execution and craft. Appropriate for students with prior exposure to photography and basic photographic experience. Discussion and practice with small and medium format (film) cameras, image exposure methods, basic artificial lighting techniques, image optimization and use of the dynamic tonal range with film processing and digital imaging techniques, and photographic printing practices in both darkroom and digital environments. The Photography Program provides a 35mm film camera for student use during the semester. (CSU/UC)

PHOT-154
History of Photography **3 UNITS**
3.0 hours lecture
A survey that examines the role and function of photography and its cultural history, including its relationship to art, science, social sciences, travel, fashion, and mass media. Topics of discussion will focus on the important cultural, aesthetic and technical considerations in photography within the historical and contemporary contexts of works by photographers from the United States, Latin America, Europe, Africa, the Middle East and Asia. Such topics will include Looking At and Understanding Photographs, The Origins and Development of Photography, A New Aesthetic - 19th Century Photography, Photography and Modernity, Lens Culture and Mass Media as well as The Globalization of Photography in the Digital Age. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

PHOT-252
Photographer's Portfolio **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in PHOT 150 or PHOT 151 or equivalent.
2.0 hours lecture, 4.0 hours laboratory
This course provides for further conceptual development and refinement of the techniques necessary to support serious photographic communication. Skillful control of photography's materials and processes along with an understanding of historical and contemporary issues within the medium will be applied with a high degree of critical analysis in the production and interpretation of the student's photographs. Students will conceptualize and produce a finished portfolio, including a print, portfolio book and/or website, that reflects the depth and scope of the student's interest, vision and technical craft. (CSU)

Physical Science (PSC)

PSC-100
Physical Science for Elementary Education **3 UNITS**
3.0 hours lecture
This course is an introduction to scientific methodology, with an emphasis on knowledge and understanding of chemistry and physics. It is especially designed for those who are interested in teaching science in a primary school setting in which students must both understand the scientific method and master content in the physical sciences. The connection between physical science and global issues such as energy and environment will be emphasized. Topics to be covered include motion, gravity, heat and energy transfer, light and color, electricity, magnetism, the periodic table, ionic and covalent chemical bonding, chemical nomenclature, chemical reactions, solutions, and nuclear reactions. (CSU/UC) (AA/AS-5, CSU-B1, IGETC-5A, Cal-GETC-5A)

PSC-110
Introduction to the Physical Sciences **3 UNITS**
3.0 hours lecture
A broad approach to the physical sciences designed primarily for non-science majors. Concepts of such sciences as astronomy, physics, chemistry, and the earth sciences will be developed and discussed. Emphasis is on the understanding and significance of fundamental principles. Application of certain concepts to contemporary issues, such as energy production and environmental problems, will be explored (e.g. nuclear energy). Within this context, the methods and limitations of science will be demonstrated and societal implications will be discussed. (CSU/UC) (AA/AS-5, CSU-B1, IGETC-5A, Cal-GETC-5A)

PSC-111
Introduction to Physical Sciences Laboratory **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" or concurrent enrollment in PSC 110 or equivalent.
3.0 hours laboratory
Designed to accompany and augment Physical Science 110. An introductory approach to scientific investigation of the physical universe, designed primarily for the student who is not majoring in science. The course provides an opportunity to explore a variety of physical materials, phenomena, and concepts such as motion, power, sound, light, energy, and radioactivity. (CSU/UC) (AA/AS-5, CSU-B3, IGETC-5C, Cal-GETC-5C)

PSC-120
Fundamentals of Scientific Computing (MATLAB) **4 UNITS**
Prerequisite: Appropriate Placement or Intermediate Algebra.
3.0 hours lecture, 3.0 hours laboratory
This course will focus on problem solving, data manipulation, and visualization using the MATLAB computing environment using applications from: physical science, engineering, life sciences, mathematics and statistics. Students will learn to analyze data, write simple algorithms for data processing and simulation, and visualize the results. Topics include: operations and variables; graphics and programming; solving equations and model fitting. (CSU/UC) (AA/AS-2, CSU-B4)

PSC-210
Fundamentals of Electric Circuits **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" or concurrent enrollment in MATH 280 and PHYC 240 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
Physical Science 210 provides an introduction to DC and AC circuit construction and analysis for students majoring in the physical sciences. Applies Kirchoff's Laws, nodal and mesh analysis, Norton and Thevenin's theorems to real and theoretical circuits. Also covers stead-state and transient responses of networks, RLC circuits, complex impedance, and power transfer. Students will use laboratory tools (e.g. breadboards, oscilloscopes, and signal generators) to construct and analyze circuits. (CSU/UC)

Physics (PHYC)

PHYC-110
Introductory Physics **4 UNITS**
3.0 hours lecture, 3.0 hours laboratory
This physics course is structured for students who have had little or no previous physics or mathematics. The math needed is explained as the course progresses. Physics is the study of real and natural events, laws and phenomena which exist and interact in the universe around us. In this course those laws and events are studied with particular emphasis on the physics normally encountered in everyday living, such as motion, light and human vision, sound and hearing, energy and its use and conservation, gas laws and breathing. (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C, Cal-GETC-5A,5C)

PHYC-130
Fundamentals of Physics **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" or concurrent enrollment in MATH 180 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
This calculus-level course is the first of a sequence of two physics courses for life science majors. It provides a thorough basis in mechanics, kinematics, work, energy, properties of matter, heat, and vibrations. The course assumes no previous physics study, but makes extensive use of algebra, trigonometry, geometry, and calculus, as appropriate. The laboratory provides applications of physics principles to measurements of translational motion, forces, torques, rotational systems, and heat. Physics 130 is not open to students with credit in Physics 140. (C-ID PHYS 105) (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C, Cal-GETC-5A,5C)

PHYC-131
Fundamentals of Physics **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in PHYC 130 or equivalent.
3.0 hours lecture, 3.0 hours laboratory
A continuation of Physics 130 covering electric charges, electric and magnetic fields and forces, DC and AC circuits, electromagnetic waves, light, optical instruments, relativity, modern physics, and atomic and nuclear physics. The laboratory provides emphasis on measurement techniques involving electric charge, electric circuits, oscilloscopes, optics, interference, lasers, and nuclear counting. The calculus-based course is primarily designed for life science majors and pre-med students. Physics 131 is not open to students with credit in Physics 240 or 241. (C-ID PHYS 110) (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C, Cal-GETC-5A,5C)

PHYC-201
Mechanics and Waves **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in MATH 180 or equivalent.
4.0 hours lecture, 3.0 hours laboratory
This is the first course of a three-semester, calculus level sequence of physics courses designed for engineering, physics, mathematics, and science majors. The course assumes no previous physics study, but makes extensive use of algebra, trigonometry, geometry, and calculus. Topics include linear and rotational kinematics and dynamics, energy and energy conservation, linear and angular momentum and their conservation laws, fluid dynamics, and gravitation, and wave motion. (C-ID PHYS 205) (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C, Cal-GETC-5A,5C)

PHYC-202
Electricity, Magnetism, and Heat **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in Physics 201 or equivalent and a "C" grade or higher or "Pass" or concurrent enrollment in MATH 280 or equivalent.
4.0 hours lecture, 3.0 hours laboratory
This is the second course of a three-semester, calculus level sequence of physics courses designed for engineering, physics, mathematics, and science students. The topics of heat, electricity, and magnetism are introduced at the beginning level with reliance upon students' ability to apply topics introduced in Physics 201. The laboratory provides emphasis on measurement using gas laws and of electric and magnetic fields, DC and AC circuits, and oscilloscope techniques. (C-ID PHYS 210) (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C, Cal-GETC-5A,5C)

PHYC-203
Light, Optics, and Modern Physics **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in PHYC 202 or equivalent and a "C" grade or higher or "Pass" or concurrent enrollment in MATH 281 or equivalent.
4.0 hours lecture, 3.0 hours laboratory
This is the third course of a three-semester, calculus level sequence of physics courses designed for engineering, physics, mathematics, and science students. The topics of optics, quantum mechanics, special relativity, and atomic and nuclear physics are introduced at the beginning level with the reliance upon ability to apply topics introduced in Physics 201 and Physics 202. The laboratory provides experiments in optics, interference and diffraction, and nuclear physics. (C-ID PHYS 215) (CSU/UC) (AA/AS-5, CSU-B1,B3, IGETC-5A,5C, Cal-GETC-5A,5C)

Political Science (POLS)

POLS-C1000
American Government and Politics **3 UNITS**
3.0 hours lecture
This course is an introduction to government and politics in the United States and California. Students examine the constitutions, structure, and operation of governing institutions, civil liberties and civil rights, political behaviors, political issues, and public policy using political science theory and methodology. This course emphasizes the continuity and uniqueness of the American political experience and how that experience has derived from other political cultures. This will be examined in the context of the larger cultural, economic, and sociological forces shaping the U.S. political system. Attention will also be given to significant events affecting the evolution of the U.S. political system since its founding. The development and evolution of the U.S. Constitution and policy making role of traditional political institutions such as the presidency, the Congress, and the judiciary will be explored. The impact of other political forces such as mass movements, the media, the bureaucracy, interest groups, ethnic and social groups, and international affairs will also be examined. All topics covered in the course will be illustrated through reference to actual political events occurring as the course progresses. "Formerly POSC 121. Not open to students with credit in POSC 121."

Common Course Numbering

POLS-C1000 American Government and Politics is part of Common Course Numbering. For more information, please visit the Grossmont-Cuyamaca Common Course Numbering Webpage (https://www.gcccd.edu/ccn/).

Political Science (POSC)

POSC-120
Introduction to Politics and Political Analysis **3 UNITS**
3.0 hours lecture
The primary aim of this course is to assist the student/citizen in the development of a set of skills which can be helpful in analyzing political situations in the world today. In order to accomplish this objective, the student will be introduced to the basic approaches, perspectives, techniques and models of the political scientist. Accordingly this course covers some universal aspects of political stability and change, ideologies, conflicts, institutions, political economy, and issues. (Does not meet American Institutions requirement.) (C-ID POLS 150) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

POSC-124
Introduction to Comparative Government and Politics **3 UNITS**
3.0 hours lecture
Students in this course will analyze the political systems of selected developed, transitional, and developing countries of the world in order to understand the importance of political development, political institutions, political actors, political processes, and political change for the dynamics of today's global society.(C-ID POLS 130) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

POSC-130
Introduction to International Relations **3 UNITS**
3.0 hours lecture
This course is a survey of the field of international relations. Students will be introduced to the major theories of international relations and will learn to apply them to contemporary problems in world politics. Issues examined include global peace and security, international political economy, international law and organization, sustainable development, and human rights. (C-ID POLS 140) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

POSC-135
Model United Nations **1 UNITS**
1.0 hours lecture
A course designed to provide students with a thorough understanding of the role of the United Nations in world affairs. By assuming the role of different countries and by researching crucial topical issues, students will prepare for participation in United Nations simulations. The course will include participation in regional Model United Nations. (CSU)

POSC-140
Introduction to California Governments and Politics **3 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" in POLS C1000 or equivalent.
3.0 hours lecture
This course examines the structure and functions of California state and local governments and politics. Attention will be given to the evolution of the principal features, organization, and operation of state and local governments within the framework of U.S. federalism from the time of the nation's founding. Emphasis is placed on the role of significant events, major ethnic groups and major social groups in the development of the political structures and processes of California state and local governments and contemporary political issues. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

POSC-145
Introduction to Latin American Government and Politics **3 UNITS**
3.0 hours lecture
This course provides an analysis of the politics and governance of selected Latin American countries. The course examines political and economic development of Latin America from independence to the present, structure and organization of governments, political participation, the role of religion, and civil-military relations. In addition, major developments in the area of political modernization, democratization, economic growth and modernization, questions of race and identity, and U.S.-Latin American Relations will be explored. (CSU/UC) (CSU-D, IGETC-4, Cal-GETC-4)

POSC-147
Introduction to Middle East Government and Politics **3 UNITS**
3.0 hours lecture
This course introduces students to the politics and governance of the Middle East and North Africa. The course will cover the political, social, and economic development of specific countries in the region, conflict, revolution, key individuals, armed conflicts, the role of Islam, Judaism, and Christians, and the role of foreign powers in shaping the politics of the region. The course begins with the origins of the Modern Middle East from the collapse of the Ottoman Empire and the First World War (1914-1918), the consequences of the Ottoman Empire's collapse, the rise of the modern nation-state, the role of oil in politics and economic development, Westernization and the Islamic resurgence, and nationalism. The curriculum proceeds to a study of armed conflicts in the region, including, but not limited to, the Arab-Israeli conflict, The War on Terror, and U.S. Foreign Policy in the Middle East. (CSU/UC) (CSU-D, IGETC-4, Cal-GETC-4)

POSC-148
American Foreign Policy **3 UNITS**
3.0 hours lecture
This course offers an introduction to American Foreign Policy since World War II. The course provides a chronological assessment of the American decision-making process, key actors, and events in pursuit of American national security, economic, and moral interest from the Cold War to the present era. The course will explore American foreign policy in specific regions of the world including Europe, Asia, the Middle East, Latin America, and Africa while seeking greater understanding of the questions of war and peace, democracy promotion, human rights, economic development, the War on Terror, and the emergence of great power rivalry in the 21st century. (CSU/UC) (CSU-D, IGETC-4, Cal-GETC-4)

POSC-150
Introduction to Political Theory **3 UNITS**
3.0 hours lecture
A comparative and conceptual analysis of the principal ideological and philosophical approaches to government. This course surveys the important political ideas and alternatives which have been suggested from ancient to modern times. A major emphasis of the course will be to introduce and clarify for the student the basic aspects of nationalism, democracy, Orthodox Marxism, anarchism, philosophical conservatism, New Left thought, feminism, environmentalism, transhumanism, fundamentalism, and fascism. (C-ID POLS 120) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

POSC-155
State and Society in the Asia Pacific **3 UNITS**
3.0 hours lecture
An historical, cultural and social science based comparative analysis of the evolution and current conditions of significant political/economic/social communities within the Asian Pacific Region. The course will focus on the endurance of traditional cultures, the intermingling and grafting of the Asian traditions, the influence of Western values and institutions, socioeconomic development and change, the relationship between individuals and institutions of state, national identity and nationalism, and the importance of globalization for the region. States studied through the above lenses may include China, India, Japan, states of Southeast Asia, the Koreas, Australia, New Zealand, the Russian Pacific, the island states of the Pacific, and states of Central and South Asia. (CSU/UC) (CSU-D, IGETC-4, Cal-GETC-4)

POSC-160
Politics in Film **3 UNITS**
3.0 hours lecture
This course uses film to explore major aspects of political life and to examine the cultural creation of meaning about social and political power, values, and activities. Films are studied as social and political products and to enhance understanding of political phenomena in the American and other cultures. These phenomena include social/political movements, civil liberties, electoral politics, war, law, political economy, and race, gender, and class differences and conflict. This course explains for students how they can view films in different political contexts and view politics from different theoretical lenses to gain insight about contemporary political life. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

POSC-195
Internship in Political Science **1 UNITS**
Community Service Learning Experience (CSLE) is a community outreach program which promotes the national agenda of volunteer engagement. The purpose is to provide students an opportunity to explore options and careers in a selected area of study. This course places student with political office holders at the federal, state, or local level; government and social agencies; non-profit and lobbying groups; law firms, and similar locations. (CSU) 54 hours paid or unpaid work experience per semester.

POSC-197
Internship in Political Science **2 UNITS**
Community Service Learning Experience (CSLE) is a community outreach program which promotes the national agenda of volunteer engagement. The purpose is to provide students an opportunity to explore options and careers in a selected area of study. This course places students with political office holders at the federal, state, and local levels; government and social agencies; non-profit and lobbying groups; law firms, and similar locations. (CSU) 108 hours paid or unpaid work experience per semester.

Psychology (PSY)

PSY-125
Cross-Cultural Psychology **3 UNITS**
3.0 hours lecture
An introduction to theories and research findings regarding cultural influences on human behavior and cognitive processes (life-span development, abnormal behavior and mental health, drug use, self-concept, emotion, gender schemas and gender roles, social behavior, perception, learning, intelligence, and memory). By providing students with a non-judgmental understanding of how culture influence human behavior, this course will make them more equipped to interact in a world where there is increasing contact among different cultures. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

PSY-132
Psychology of Health **3 UNITS**
3.0 hours lecture
The goal of health psychology is to understand the psychological influences on health behavior, including promotion, maintenance, prevention and treatment. The course will focus on the etiology and correlates of health and illness, as well as analyze the health care system and the formulation of health policies within the United States. Specific emphasis will be placed on exploring health disparities among historically underrepresented groups, including African Americans, Native Americans, Asian Americans, and Latino/a/x Americans. (CSU) (AA/AS-4, CSU-E)

PSY-134
Human Sexuality **3 UNITS**
3.0 hours lecture
An overview of the biological, psychological, social and cultural aspects of human sexuality. Topics include historical, social and cultural variations, the influence of gender in sexual behavior, the anatomy and physiology of human sexuality and reproduction, sexuality throughout the lifespan, sexual orientation, communication and relationships, sex therapy, rape and sexual assault, contraception and new reproductive technologies, sexual morality, and STDs. (C-ID PSY 130) (CSU/UC) (AA/AS-4, CSU-D, E, IGETC-4, Cal-GETC-4)

PSY-138
Social Psychology **3 UNITS**
3.0 hours lecture
An examination of individuals in social contexts to reveal how one's thoughts, feelings and actions can be influenced by other people. Includes topics such as social perception and attribution processes, dissonance reduction, altruism, aggression, prejudice, conformity, and group processes. (C-ID PSY 170) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

PSY-140
Physiological Psychology **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in PSYC C1000 or equivalent.
3.0 hours lecture
An examination of the relationships between bodily processes and aspects of behavior. A review of the fundamental research methods and major research findings in physiological psychology. The application of experimental methods in psychology, physiology, and related disciplines to the understanding of perceptual processes, the control of movement, sleep and walking, reproductive behaviors, ingestive behaviors, emotion, learning, language, and mental disorders is explored. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research. (C-ID PSY 150) (CSU/UC) (AA/AS-4, CSU-D,E, IGETC-4, Cal-GETC-4)

PSY-150
Developmental Psychology **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in PSYC C1000 or equivalent.
3.0 hours lecture
An introduction to psychological theories and research regarding human physical, cognitive, and socio-emotional development from infancy, through childhood, adolescence and maturity. Emphasis is placed on critical analysis of existing theories, research methodology, and research findings, taking into account the influence of factors such as culture, gender, ethnicity, historical cohort, and socio-economic status. The focus of the course is on understanding and applying empirical research and theories in developmental psychology. (C-ID PSY180) (CSU/UC) (CSU-D,E, IGETC-4, Cal-GETC-4)

PSY-170
Abnormal Psychology **3 UNITS**
3.0 hours lecture
Overview of psychological research and theoretical perspectives involving the diagnoses, causes and treatment of abnormal behavior. The major disorders include anxiety disorders (such as phobias, panic attacks and obsessive-compulsive), mood disorders (such as depression and bipolar disorders), schizophrenia, personality disorders, childhood/adolescent disorders (such as ADHD, eating disorders and disorders of the autism spectrum), substance-related disorders and cognitive disorders. (C-ID PSY 120) (CSU/UC) (AA/AS-4,CSU-D, IGETC-4, Cal-GETC-4)

PSY-180
Psychology of Interpersonal Skills **3 UNITS**
3.0 hours lecture
A study of those skills important for helpful interpersonal relating, accompanied by structured experience and training in their practice. The skill of Empathic Listening is emphasized, with a focus on theory and research, application in helping relationships, and implementation in one-on-one and group interaction in class. The laboratory is designed to give students practice and training (in dyads, triads, pentads, and the entire class) in the many sub-skills that make up Empathic Listening. (CSU/UC) (CSU-E)

PSY-201
Academic and Career Opportunities in Psychology **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in PSYC C1000 or equivalent.
1.0 hours lecture
Psychology 201 is designed for students interested in majoring in psychology. This course is a study of career options in the field of psychology. Emphasis will be placed on academic planning, post-baccalaureate options in psychology and related fields, and identification of career-related strengths and interests. Recommended after completion of thirty (30) units. This course is offered on a Pass/No Pass basis only. (CSU)

PSY-205
Research Methods in Psychology **4 UNITS**
Prerequisite: "C" grade or higher or "Pass" in PSYC C1000 and PSY 215 or ANTH 215 or SOC 215 or MATH 160 or equivalent.
3.5 hours lecture, 1.5 hours laboratory
An introduction to the scientific methodology used in psychology and the behavioral sciences. This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, mixed methods (qualitative and quantitative) instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the sub-disciplines of psychology. The laboratory is designed to complement the lectures and allow each student to design and conduct psychological research. (C-ID PSY 200) (CSU/UC)

PSY-211
Cognitive Psychology **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in PSY 120 or equivalent.
3.0 hours lecture
A general introduction to the principles of cognition. This course examines how we think in order to better understand behavior. Topics covered include theoretical and research approaches to the study of cognitive neuroscience, perception, attention, memory, knowledge, visual imagery, language acquisition and development, creativity, problem solving, decision making and consciousness. (CSU/UC)(AA/AS-4, CSU-4, UC-4)

PSY-215
Statistics for the Behavioral Sciences **4 UNITS**
Prerequisite: Appropriate Placement or Intermediate Algebra.
3.5 hours lecture, 1.5 hours laboratory
Methods and experience in defining and solving quantitative problems in the behavioral sciences. Emphasis is on the design of experiments and the application of a variety of parametric and nonparametric techniques to the analysis of data. (C-ID MATH 110, SOCI 125) (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

PSY-220
Learning **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in PSY 120 or equivalent.
3.0 hours lecture
An examination of the basic principles and research in animal and human learning. (CSU/UC) (AA/AS-4, CSU-D,E, IGETC-4, Cal-GETC-4)

Psychology (PSYC)

PSYC-C1000
Introduction to Psychology **3 UNITS**
3.0 hours lecture
This course is an introduction to psychology, which is the study of the mind and behavior. Students focus on theories and concepts of biological, cognitive, developmental, environmental, social, and cultural influences; their applications; and their research foundations. Formally PSY 120 this course is not open to students who have already received credit for Psychology 120. This course introduces key facts and theories to enhance the understanding of human behavior through the mind. It provides a general overview of psychology's research methods and major research findings. Topics covered include physiology, learning, memory, perception, cognitive processes, consciousness, development, motivation and emotion, personality, abnormal behavior, therapy, and social psychology.

Common Course Numbering

PSYC-C1000 Introduction to Psychology is part of Common Course Numbering. For more information, please visit the Grossmont-Cuyamaca Common Course Numbering Webpage (https://www.gcccd.edu/ccn/).

Religious Studies (RELG)

RELG-110
Introduction to the Study of Religion **3 UNITS**
3.0 hours lecture
This course introduces the academic study of religion with emphasis on the origin and functions of religion, religious experience, and major issues within the field of religious studies. Topics of study will include religion and society, the intersection between religion and gender, race, and violence, and the diverse components of religion (CSU/UC)(AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

RELG-120
World Religions **3 UNITS**
3.0 hours lecture
This course is an introduction to the major religions of the world and the primary figures associated with those religious systems. Students will study the content of religious beliefs and examine the rituals and practices through which those beliefs are expressed. (CSU/UC)(AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

RELG-130
Scriptures of World Religions **3 UNITS**
3.0 hours lecture
This course is a study of religion based on in-depth reading and careful analysis of the primary sacred texts associated with major religions of the East and the West. (CSU/UC)(AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

RELG-135
Religion in the Middle East **3 UNITS**
3.0 hours lecture
This course introduces students to the religious traditions and communities of the Middle East, including Shi'a and Sunni Islam, Christianity, Judaism, Zoroastrianism, and the Baha'i faith. The course will provide a broad introduction to how religion has significantly influenced the societies and political institutions of various regions in the Middle East, particularly Egypt, the Arabian Peninsula, Iraq, Palestine, Israel, Iran, Syria and Turkey. Special attention will be paid to the relationship between majority and minority religions and how those relationships have promoted both peace and conflict in the region. The course will also examine the role of religion as a significant marker of individual and collective identity in Middle Eastern society and the challenge of nationhood to religious beliefs and cultures.

RELG-140
Religion and Culture **3 UNITS**
3.0 hours lecture
A study of the relationship between religious beliefs and practices and aspects of culture as represented through literary, performing and visual arts. Emphasis is on major world religions and dominant traditions of Eastern and Western culture. (CSU/UC)(AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

RELG-150
Asian Religions **3 UNITS**
3.0 hours lecture
This course provides an overview of the variety of religious traditions and communities found throughout Asia. Students comparatively examine the beliefs, scriptures, world-views, rituals, ethics, and social systems of the religious traditions and communities throughout Asia. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

RELG-165
Religion and American History **3 UNITS**
3.0 hours lecture
In this course students will examine the role of religion and religious groups in key events, time periods, regions, and institutions of the United States. The course concentrates on the interaction of religious groups with each other and with the larger society, particularly in relation to the political, economic, geographical, and cultural life of the nation. We will explore the contours of religion in North America from the precolonial times to the present, with special attention paid to American religious diversity and the complexities of American religious life. As we analyze the role of religion in American history, we will view past events through the lens of African-Americans, Native Americans, Latinx Americans, and Asian-Americans, amongst other perspectives. We will also explore the religious dimensions of gender, race, ethnicity, and socioeconomic class. (CSU) (AA/AS-4, CSU-C2, IGETC-3B, Cal-GETC-3B)

RELG-170
Introduction to Christianity **3 UNITS**
3.0 hours lecture
This course will provide an introduction to the Christian religion, giving attention to the history of its development. Its scriptures, rituals, and beliefs will be examined, as well as important persons, groups, and events which have developed among the Roman, Orthodox, and Protestant communities of Christianity. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

RELG-175
Religion, Government and Politics in America **3 UNITS**
3.0 hours lecture
This course analyzes the relations between religion, religious communities, and political institutions in the United States and California. The course examines political institutions and processes under the U.S. and California Constitutions, the influence of religion and religious communities on these institutions and processes, and the influence of these institutions and processes on religious communities, especially related to the rights and duties of citizenship. The influence of religious communities on the development and evolution of the U.S. Constitution and policy making role of traditional political institutions such as the presidency, the Congress, and the judiciary will be explored. Topics of study include freedom of religion, civil rights and citizenship, the political and religious philosophies of the framers of the U.S. Constitution, Constitutional documents as sources of civil religion, religion and immigration, separation of church and state, religion in public education, and the role of religion in war and domestic and foreign policy. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

Respiratory Therapy (RESP)

RESP-099
Respiratory Therapy Skills Lab **0 UNITS**
Prerequisite: Admission to the Respiratory Therapy Program.
6.0 hours laboratory
This course is designed to provide current Respiratory Therapy students with individual and small group redemonstration of basic and advanced bedside respiratory therapy skills. Supervised practice is available on a recurring, as needed, and/or drop-in basis to improve student's performance levels and increase retention and success outcomes. This course is offered on a pass/no pass basis only. This is a no fee/no credit course

RESP-101
Respiratory Therapy Orientation **0.5 UNITS**
Prerequisite: Admission to the Respiratory Therapy Program.
0.5 hours lecture
This course is a self-paced course designed to provide students entering the Respiratory Therapy program with the necessary preparation to attend lectures, laboratory, and clinical courses. Students will be required to access library resources in preparation for writing evidence-based, peer-reviewed research papers in the English language about cardiopulmonary diseases. Students can obtain assistance with completing and submitting forms, on a recurring, as needed, and/or drop-in basis. Students will review criteria for professionalism and become familiar with the respiratory therapy professional organizations. Students will be provided information about the college's resources, including financial aid, Accommodation Resource Center, Tutoring, and basic needs. Students will be required to meet with Student Success Advisors to improve student's performance levels and increase retention and success outcomes in the Respiratory Therapy program.

RESP-105
Cardiopulmonary Physiology and Disease Entities **4 UNITS**
Prerequisite: Admission to the Respiratory Therapy Program
Corequisite: "C" grade or higher or concurrent enrollment in RESP 108 and 112 and 114.
4.0 hours lecture
This course is designed to explore advanced functions of the cardiopulmonary system by building upon previous knowledge of human anatomy and physiology. The course expands on the physiological processes of ventilation, gaseous diffusion, gaseous transport, the relationship between the pulmonary and systemic circulations, and how acid-base balance is essential in maintaining cellular homeostasis. Students will compare and contrast normal and abnormal anatomy and physiology and examine the interrelationship between abnormal findings and disease. (CSU)

RESP-108
Basic Respiratory Therapy Equipment, Procedures and Life Support Systems **5 UNITS**
Prerequisite: Admission to the Respiratory Therapy Program.
Corequisite: "C" grade or higher or concurrent enrollment in RESP 105 and 112 and 114.
3.0 hours lecture, 6.0 hours laboratory
This course is designed to introduce the student to basic patient assessment, equipment, and procedures used in respiratory therapy. Equipment principles of operation, proper care and maintenance, and trouble-shooting are included. Education of diverse patient populations, proper infection control techniques, and patient care plans are introduced. Simulation and laboratory exercises are integrated into the course in order to improve the students' ability to manage patients, promote critical thinking and decision-making skills, and to improve communication and technical skills. (CSU)

RESP-112
Supervised Clinical Practicum I **1.5 UNITS**
Prerequisite: Admission to the Respiratory Therapy Program.
Corequisite: "C" grade or higher or concurrent enrollment in RESP 105 and 108 and 114.
4.5 hours laboratory
This course is designed to practice basic respiratory therapy procedures and general patient assessment in the general care environment. Included in the supervised experiences are laboratory and physical assessment, oxygen therapy, humidity and aerosol therapy and general medication delivery by inhalation. (CSU)

RESP-114
Cardiopulmonary Pharmacology **2 UNITS**
Prerequisite: Admission to the Respiratory Therapy Program
Corequisite: "C" grade or higher or concurrent enrollment in RESP 105 and 108 and 112.
2.0 hours lecture
This course is designed for the Respiratory Therapy student. Major emphasis will be given to cardiac, cardiovascular, and pulmonary drugs. Specific drugs in these categories will be addressed in terms of action, indication, possible allergic reactions and contraindications. (CSU)

RESP-116
Assessment in Respiratory Care **2.5 UNITS**
Prerequisite: "C" grade or higher in RESP 105 and 108 and 112 and 114 or equivalent.
Corequisite: "C" grade or higher or concurrent enrollment in RESP 118 and 122 and 150.
2.5 hours lecture
This course is designed to build upon basic assessment skills. Development of advanced skills is done through incorporating diverse techniques used when completing physical examinations, gathering data, making decisions and providing recommendations in the care of patients with cardiopulmonary diseases. This process is done through analyzing data, deciphering significant clinical findings, discussing effective communication methods and collaboratively formulating a plan of care. (CSU)

RESP-118
Critical Care Life Support Equipment and Procedures **4.5 UNITS**
Prerequisite: "C" grade or higher in RESP 105 and 108 and 112 and 114 or equivalent.
Corequisite: "C" grade or higher or concurrent enrollment in RESP 116 and 122 and 150.
3.0 hours lecture, 4.5 hours laboratory
This course explores advanced concepts of respiratory therapy equipment and therapeutic procedures with emphasis on complex principles of equipment operation and care, quality control and advanced therapeutic techniques as employed in the critical care environment. Special emphasis is placed on life support systems. Variations in ventilation oxygenation and current weaning techniques are discussed for various disease entities. (CSU)

RESP-122
Supervised Clinical Practicum II **3 UNITS**
Prerequisite: "C" grade or higher in RESP 105 and 108 and 112 and 114 or equivalent.
Corequisite: "C" grade or higher or concurrent enrollment in RESP 116 and 118 and 150.
9.0 hours laboratory
This course is designed to practice general respiratory therapy procedures and pulmonary assessment in the acute care hospital environment. Included in the supervised experiences are oxygen, aerosol and medication delivery therapy, chest physiotherapy techniques, hyperinflation therapy, airway care techniques and mechanical ventilation management with both acute and critical care patients. Pulmonary assessment, monitoring and pathophysiology are applied to modify appropriate patient care management. (CSU)

RESP-150
Neonatal Pediatric Respiratory Care **3 UNITS**
Prerequisite: "C" grade or higher in RESP 105, 108, 112 and 114 or equivalent.
Corequisite: "C" grade or higher or concurrent enrollment in RESP 116 and 118 and 122.
3.0 hours lecture
This course is designed to familiarize the respiratory therapy student with the knowledge necessary to care for pediatric and neonatal patient populations. Pediatric, infant, and neonatal physiology, pathophysiology, clinical manifestations, management and treatment in acute and critical care are emphasized. (CSU)

RESP-200A
Work-Study Externship - Patient Care Management **1 UNITS**
Prerequisite: "C" grade or higher in RESP 122 or equivalent and recommendation of the Respiratory Therapy faculty.
This is a work study course in which a Grossmont College Respiratory Therapy student is employed by or volunteers at a clinical site with whom the Respiratory Therapy Program has established an affiliation agreement. The clinical site supports the objectives of the course and provides supervision through licensed Respiratory Care Practitioner preceptors. The student applies previously acquired Respiratory Therapy theory and clinical skills in the management of patient care. This course is offered on a Pass/No Pass basis only and may be taken three timeS (CSU). 54 hours paid or unpaid work experience per semester.

RESP-200B
Work-Study Externship - Patient Care Management **1 UNITS**
Prerequisite: "C" grade or higher in RESP 122 or equivalent and recommendation of the Respiratory Therapy faculty.
This is a work study course in which a Grossmont College Respiratory Therapy student is employed by or volunteers at a clinical site with whom the Respiratory Therapy Program has established an affiliation agreement. The clinical site supports the objectives of the course and provides supervision through licensed Respiratory Care Practitioner preceptors. The student applies previously acquired Respiratory Therapy theory and clinical skills in the management of patient care. This course is offered on a Pass/No Pass basis only and may be taken three timeS (CSU). 54 hours paid or unpaid work experience per semester.

RESP-200C
Work-Study Externship - Patient Care Management **1 UNITS**
Prerequisite: "C" grade or higher in RESP 122 or equivalent and recommendation of the Respiratory Therapy faculty.
This is a work study course in which a Grossmont College Respiratory Therapy student is employed by or volunteers at a clinical site with whom the Respiratory Therapy Program has established an affiliation agreement. The clinical site supports the objectives of the course and provides supervision through licensed Respiratory Care Practitioner preceptors. The student applies previously acquired Respiratory Therapy theory and clinical skills in the management of patient care. This course is offered on a Pass/No Pass basis only and may be taken three times. (CSU) 54 hours paid or unpaid work experience per semester.

RESP-201
Cardiopulmonary Pathology and Pathophysiology **4 UNITS**
Prerequisite: "C" grade or higher in RESP 116 and 118 and 122 and 150 or equivalent.
Corequisite: "C" grade or higher or concurrent enrollment in RESP 208 and 222.
4.0 hours lecture
This course is an introduction to basic respiratory pathology and resulting abnormal physiology. The role of the respiratory therapist in management of cardiorespiratory disease entities commonly found in the general care environment, in the intensive care unit, and in the home care setting is developed. Emphasis is placed on the pathological processes. (CSU)

RESP-202A
Work-Study Externship - Patient Care Management **2 UNITS**
Prerequisite: "C" grade or higher in RESP 122 or equivalent and recommendation of the Respiratory Therapy faculty.
This is a work study course in which a Grossmont College Respiratory Therapy student is employed by or volunteers at a clinical site with whom the Respiratory Therapy Program has established an affiliation agreement. The clinical site supports the objectives of the course and provides supervision through licensed Respiratory Care Practitioner preceptors. The student applies previously acquired Respiratory Therapy theory and clinical skills in the management of patient care. This course is offered on a Pass/No Pass basis and may be repeated three times. (CSU) 10 hours work experience per week, 120 volunteer hours or 150 paid hours.

RESP-202B
Work-Study Externship - Patient Care Management 2 UNITS
Prerequisite: "C" grade or higher in RESP 122 or equivalent and recommendation of the Respiratory Therapy faculty.
This is a work study course in which a Grossmont College Respiratory Therapy student is employed by or volunteers at a clinical site with whom the Respiratory Therapy Program has established an affiliation agreement. The clinical site supports the objectives of the course and provides supervision through licensed Respiratory Care Practitioner preceptors. The student applies previously acquired Respiratory Therapy theory and clinical skills in the management of patient care. This course is offered on a Pass/No Pass basis and may be repeated three times(CSU). 108 hours paid or unpaid work experience per semester.

RESP-202C
Work-Study Externship - Patient Care Management 2 UNITS
Prerequisite: "C" grade or higher in RESP 122 or equivalent and recommendation of the Respiratory Therapy faculty.
This is a work study course in which a Grossmont College Respiratory Therapy student is employed by or volunteers at a clinical site with whom the Respiratory Therapy Program has established an affiliation agreement. The clinical site supports the objectives of the course and provides supervision through licensed Respiratory Care Practitioner preceptors. The student applies previously acquired Respiratory Therapy theory and clinical skills in the management of patient care. This course is offered on a Pass/No Pass basis and may be repeated three times. (CSU) 108 hours paid or unpaid work experience per semester.

RESP-205
Professionalism and Career Preparation for Respiratory Therapy 3.5 UNITS
Prerequisite: "C" grade or higher in RESP 201 and 208 and 222 or equivalent.
Corequisite: "C" grade or higher or concurrent enrollment in RESP 232 and 268.
3.5 hours lecture
RESP 205 is a course that prepares the student for a career in Respiratory Therapy. Topics in professionalism, ethics, life-long learning and preparation for state licensure and professional exams are explored by the student. Students are invited to create a professional resume, cover letters and a portfolio. Students will design a capstone project that reflects their interest and passion in respiratory health. (CSU)

RESP-208
Invasive and Noninvasive Cardiopulmonary Monitoring 4 UNITS
Prerequisite: "C" grade or higher in RESP 116 and 118 and 122 and 150 or equivalent.
Corequisite: "C" grade or higher or concurrent enrollment in RESP 201 and 222.
3.0 hours lecture, 3.0 hours laboratory
This course is designed to provide theory and hands-on practice in various means of monitoring the patient in the acute care setting. An introductory level of advanced modes of ventilation, principles of weaning from mechanical ventilation as well as monitoring the cardiovascular system with capnography, electrocardiography and hemodynamic monitoring in the critical care setting will be presented. (CSU)

RESP-220
Sleep Disorders, Diagnostic Procedures, and Treatments 4 UNITS
4.0 hours lecture
The student will become familiar with Sleep Medicine and the opportunities available in this specialty. The student will learn about roles of the sleep specialist, infection control and patient safety, sleep physiology and functions, monitoring of the patient, and the use of diagnostic and treatment equipment and options.(CSU)

RESP-222
Supervised Clinical Practicum III 4 UNITS
Prerequisite: "C" grade or higher in RESP 116 and 118 and 122 and 150 or equivalent.
Corequisite: "C" grade or higher or concurrent enrollment in RESP 201 and 208.
12.0 hours laboratory
This course provides practice in advanced respiratory procedures and therapeutic techniques in the critical care environment. Therapeutic management of critical pulmonary patients is practiced under direct instructor supervision. Assessment of patient pulmonary status by the student is required prior to the convening of clinical. (CSU)

RESP-232
Supervised Clinical Practicum IV 4 UNITS
Prerequisite: "C" grade or higher in RESP 201 and 208 and 222 or equivalent.
Corequisite: "C" grade or higher or concurrent enrollment in RESP 205 and 268.
12.0 hours laboratory
This course provides practice in advanced cardiopulmonary specialty techniques in the hospital environment or simulation lab under direct supervision of specialty experts. These techniques build upon content from 201, 208, and 222. (CSU)

RESP-268
Respiratory Therapy Home Care Techniques 2.5 UNITS
Prerequisite: "C" grade or higher in RESP 201 and 208 and 222 or equivalent.
Corequisite: "C" grade or higher or concurrent enrollment in RESP 205 and 232.
2.5 hours lecture
This course will provide the student with a review of various apparatuses utilized by patients in their home. This will include home oxygen therapy modalities, home sterilization techniques and home ventilator life support systems. (CSU)

RESP-270
Respiratory Therapy Review 2 UNITS
Prerequisite: "C" grade or higher in RESP 201 and 208 and 222 or equivalent.
2.0 hours lecture
The student will review all areas of Respiratory Therapy as preparation for the Respiratory Therapy advanced level credentialing examinations. Emphasis will be given to credentialing examination matrices. (CSU)

Russian (RUSS)

RUSS-120
Russian I **5 UNITS**
5.0 hours lecture
An introductory course to the Russian language and the cultures of its speakers. This course is designed for students with very little or no knowledge of Russian. It facilitates the practical application of the language in everyday oral and written communication at the beginning level. Since the focus will be on basic communication skills, the class will be conducted in Russian as much as possible. Students will learn structures that will enable them to function in Russian in everyday contexts while becoming familiar with the Russian speaking world. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

RUSS-121
Russian II **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in RUSS 120 or two years of high school Russian or equivalent.
5.0 hours lecture
Russian 121 is the continuation of Russian 120. The course will continue to develop oral and written skills based on practical everyday needs. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

RUSS-196
Community Service Learning Experience **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in RUSS 120 or equivalent.
Community Service Learning Experience (CSLE) is a community outreach program which promotes the national agenda of volunteer engagement. The purpose of this course is to provide the student an opportunity to practice and use the Russian language in a community based site and to explore different career options. (CSU) 54 hours paid or unpaid work experience per semester.

RUSS-220
Russian III **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in RUSS 121 or three years of high school Russian or equivalent.
5.0 hours lecture
Russian 220 is the continuation of Russian 121. The course will continue to develop oral, listening, reading, and writing skills in order to acquire proficiency in Russian. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

RUSS-221
Russian IV **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in RUSS 220 or four years of high school Russian or equivalent.
5.0 hours lecture
Russian 221 is the continuation of Russian 220. The course will continue to develop oral, listening, reading, and writing skills in order to improve proficiency in Russian. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

RUSS-250
Conversational Russian I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in RUSS 121 or three years of high school Russian or equivalent.
3.0 hours lecture
Focuses on intermediate level conversation development with vocabulary building and improvement of speaking proficiency in the context of Russian culture. Conversations are based on everyday situations and cultural events. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

RUSS-251
Conversational Russian II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in RUSS 250 or four years of high school Russian or equivalent.
3.0 hours lecture
Continues to focus and expand on intermediate level conversation development with more complex and varied vocabulary building and improvement of speaking proficiency in the context of Russian-speaking culture. Conversations are based on current and cultural events. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

Science (SCI)

SCI-110
Introduction to Scientific Thought **3 UNITS**
Prerequisite: A "C" grade or higher or "Pass" in ENGL C1000 or ESL 122 or equivalent.
3.0 hours lecture
This is a course on the methodology, history and philosophy of science for those who have a background in neither science nor philosophy. It emphasizes what scientists do and how they think by drawing on the history of physical and biological sciences. The concepts of scientific revolutions, scientific skepticism, experimental design, the ethical implications of scientific discovery, and the impact of the scientific enterprise on the world are covered. Pseudoscientific claims are investigated, with an eye toward critical thinking. Emphasis will be placed on communicating scientific information in written and verbal form. Instruction will be provided on the composition and revision of a series of substantial essays. (CSU/UC) (AA/AS-5, CSU-A3,B1, IGETC-5A, Cal-GETC-5A)

Sociology (SOC)

SOC-114
Introduction to Race & Ethnicity **3 UNITS**
3.0 hours lecture
An introduction to the sociological analysis of ethnicity, race, and immigration in the United States. Topics include the history of racialized and minoritized groups in the United States, patterns of interaction between racial and ethnic groups, colonialism, immigration, identity formation, prejudice, discrimination, ethnocentrism, racism, institutional racism, social movements for civil rights, liberation and decolonization, and the intersection of race and ethnicity with other forms of difference. Also listed as ETHN 114. Not open to students with credit in ETHN 114. (C-ID SOCI 150) (CSU/UC) (AA/AS-4, CSU-D,F, IGETC-4,7, Cal-GETC-4,6)

SOC-120
Introductory Sociology **3 UNITS**
3.0 hours lecture
Introduction to major concepts, theoretical perspectives, and methods in the study of society. Topics include social structure, culture, social control, deviance, social stratification, globalization, ethnic and racial relations, gender, sexuality, complex organizations, social institutions, the material and symbolic dimensions of human social interactions, socialization, the social construction of the self and social change.(C-ID SOCI 110) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

SOC-125
Marriage, Family, and Alternate Lifestyles **3 UNITS**
3.0 hours lecture
An introduction to the sociological analysis of families, marriages and intimate relationships. Family life and intimate relationships in contemporary American society are examined from the perspectives of different ethnic and racial groups with a focus on the intersectionality of race, class, gender and sexuality. Emphasis is placed on the analysis of the family's relationship to economic structures, political institutions and belief systems in different socio-cultural and historical contexts. Topics include: history of the family, family diversity and inequality, socialization, sexuality, child and intimate partner violence and abuse, courtship, interracial friendships and romantic relationships, singlehood, marriage, communication patterns, parenting, adoption, divorce, remarriage, stepfamilies, widowhood, aging, and the future of the family. (C-ID SOCI 130) (CSU/UC) (AA/AS-4, CSU-D,E, IGETC-4,Cal-GETC-4)

SOC-130
Contemporary Social Problems **3 UNITS**
3.0 hours lecture
A study of contemporary American and global social problems, with emphasis on the sociological theories and scientific research methods. Topics include poverty, unemployment, global economic inequality, racism, gender inequality, health care issues, crime, war, violence, terrorism, environmental degradation and the concentration of political and economic power. A critical evaluation of policies and programs for social betterment is also presented. (C-ID SOCI 115) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

SOC-138
Social Psychology **3 UNITS**
3.0 hours lecture
An examination of individuals in social contexts to reveal how one's thoughts, feelings and actions can be influenced by other people. Includes topics such as social perception and attribution processes, dissonance reduction, altruism, aggression, prejudice, conformity, and group processes. (C-ID PSY 170) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

SOC-140
Sex and Gender Across Cultures **3 UNITS**
3.0 hours lecture
An introduction to the sociological analysis of sex, gender and sexual orientation in a variety of socio-economic and cultural contexts. The course examines the impact sex, gender and sexual orientation have on the lives of men and women from different cultures in the areas of work, ethnicity, kinship, sexuality, politics, religion, health, arts, sports and communication. Gender and sexual relations in the contemporary USA are examined from the perspectives of different ethnic and racial groups. (C-ID SOCI 140) (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

SOC-150
Latinx Communities in the United States **3 UNITS**
3.0 hours lecture
An introduction to Latina/Latino Studies through a sociological examination of Latinx communities in the United States. Topics include the racialization process of Latinx communities in the U.S. and the role colonization, imperialism, white supremacy, eurocentrism, decolonization and liberation struggles played in the identity formation and social experiences of Latinx people. The course examines current family structure, gender roles and sexuality; religion; economics; political participation; institutional racism; U.S./Mexico border issues, immigration policy; and education. Focus is on the intersectionality of race/ethnicity with other forms of systemic inequalities. Emphasis is placed on social movements geared toward anti-racism, resistance, and struggle for social justice by Latinx communities. Also listed as ETHN 150. Not open to students with credit in ETHN 150. (CSU/UC) (AA/AS-4, CSU-D, IGETC-4, Cal-GETC-4)

SOC-215
Statistics for the Behavioral Sciences **4 UNITS**
Prerequisite: Appropriate Placement or Intermediate Algebra.
3.5 hours lecture, 1.5 hours laboratory
Methods and experience in defining and solving quantitative problems in the behavioral sciences. Emphasis is on the design of experiments and the application of a variety of parametric and nonparametric techniques to the analysis of data. (C-ID MATH 110, SOCI 125) (CSU/UC) (AA/AS-2, CSU-B4, IGETC-2A, Cal-GETC-2)

Spanish (SPAN)

SPAN-120
Spanish I **5 UNITS**
5.0 hours lecture
An introductory course to the Spanish language and the cultures of its speakers. This course is designed for students with very little or no knowledge of Spanish. The purpose of the course is to facilitate the practical application of the language in everyday oral and written communication at the beginning novice level. Since the focus will be on basic communication skills, the class will be conducted in Spanish, as much as possible. While becoming familiar with the Spanish speaking world, students will learn structures that will enable them to communicate in Spanish in everyday contexts. (C-ID SPAN 100) (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

SPAN-121
Spanish II **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in SPAN 120 or two years of high school Spanish or equivalent.
5.0 hours lecture
Spanish 121 is the continuation of Spanish 120. The course will continue to develop oral and written skills based on practical everyday needs. (C-ID SPAN 110) (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

SPAN-122
Spanish for the Native Speaker I **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in SPAN 121 or equivalent.
5.0 hours lecture
Fundamentals of spoken and written Spanish for the bilingual speaker. This course is designed to help Spanish-speaking students further improve their oral and written communication skills. Emphasis on writing, reading, comprehension, and vocabulary building at intermediate level in a cultural context. Exposure to the diversity within the culture of the Spanish-speaking world. This course is designed to provide the bilingual speaker with the linguistic and learning skills required for successfully completing upper division courses in Spanish. The course will be taught in Spanish. Not open to students with credit in Spanish 220 and 221. (C-ID SPAN 122) (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

SPAN-123
Spanish for the Native Speaker II **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in SPAN 122 or equivalent.
5.0 hours lecture
This course is designed to help Spanish-speaking students further improve their oral and written communication skills. In addition, it provides the bilingual speaker with the linguistic and learning skills required for successfully completing upper division courses in Spanish. Not open to students with credit in SPAN 221. (C-ID SPAN 230) (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

SPAN-141
Spanish and Latin American Cultures **3 UNITS**
3.0 hours lecture
A survey of major characteristics of Spanish, Latin American and Chicano/Latino cultures as reflected in literature, the arts, philosophy, and folklore. Topics include lived experiences; traditions; family structure and gender roles; racialization and discrimination; social stratification; social struggles that led to migration; and contributions of Spanish, Latin American, and Chicano cultures in the United States. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, Cal-GETC-3B)

SPAN-145
Hispanic Civilizations **3 UNITS**
3.0 hours lecture
A general overview of the cultures of Spain and Latin America while directly providing an opportunity to explore the cultural richness of the Hispanic world through a particular country. The course may be offered as an on-site tour of a selected Hispanic country. (CSU) (AA/AS-3, CSU-C2)

SPAN-196
Community Service Learning Experience **1 UNITS**
Prerequisite: "C" grade or higher or "Pass" in SPAN 120 or equivalent.
Community Service Learning Experience (CSLE) is a community outreach program which promotes the national agenda of volunteer engagement. The purpose of this course is to provide the student an opportunity to practice and use the Spanish language in a community based site and to explore different career options. (CSU) 54 hours paid or unpaid work experience per semester.

SPAN-220
Spanish III **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in SPAN 121 or three years of high school Spanish or equivalent.
5.0 hours lecture
Spanish 220 is the continuation of Spanish 121. The course will continue to develop oral, listening, reading, and writing skills in order to acquire proficiency in Spanish. Not open to students with credit in Spanish 122. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

SPAN-221
Spanish IV **5 UNITS**
Prerequisite: "C" grade or higher or "Pass" in SPAN 220 or four years of high school Spanish or equivalent.
5.0 hours lecture
Spanish 221 is the continuation of Spanish 220. The course will continue to develop oral, listening, reading, and writing skills in order to improve proficiency in Spanish. Not open to students with credit in Spanish. (C-ID SPAN 210) (CSU/UC) (AA/AS-3, CSU-C2, IGETC-3B, 6A, Cal-GETC-3B)

SPAN-250
Conversational Spanish I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in SPAN 121 or 122 or 123 or 220 or 221 or three years of high school Spanish or equivalent.
3.0 hours lecture
Focuses on intermediate level conversation development with vocabulary building and improvement of speaking proficiency in the context of Spanish speaking culture. Conversations are based on everyday situations and cultural events. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A)

SPAN-251
Conversational Spanish II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in SPAN 250 or four years of high school Spanish or equivalent.
3.0 hours lecture
Continues to focus and expand on intermediate level conversation development with more complex and varied vocabulary building and improvement of speaking proficiency in the context of Spanish-speaking culture. Conversations are based on current and cultural events. (CSU/UC) (AA/AS-3, CSU-C2, IGETC-6A, Cal-GETC-6A)

Statistics (STAT)

STAT-C1000
Introduction to Statistics **4 UNITS**
Prerequisite: Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.
4.0 hours lecture
This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines. Formerly MATH 160. Not open to students with credit in MATH 160, ANTH 215, BIO 215, ECON 215, PSY 215, SOC 215.

STAT-010
Foundations for Introduction to Statistics **2 UNITS**
Prerequisite: Appropriate Placement.
Corequisite: STAT C1000
2.0 hours lecture
Foundations for Introduction to Statistics focuses on the skills and concepts needed for success in Introduction to Statistics. This course is for students concurrently enrolled in Stat C1000 at Grossmont College. Students will receive support in Arithmetic, Algebra, problem solving, technology, and study skills. This course offered on a Pass/No Pass basis only. (Non-degree applicable) Formerly MATH 060. Not open to students with credit in MATH 060.

Common Course Numbering

STAT-C1000 Introduction to Statistics is part of Common Course Numbering. For more information, please visit the Grossmont-Cuyamaca Common Course Numbering Webpage (https://www.gcccd.edu/ccn/).

Theatre Arts (THTR)

Unless specifically required by a transfer institution for preparation for a Theatre Arts major, students are limited to four (4) enrollments in any combination of courses related in content (families). Students intending to major in Theatre Arts at a California State University or University of California campus that requires more than the limit should see a counselor. See “Limitations on Enrollment” for specific groups of families in theatre arts.

THTR-101
Introduction to Narrative Theory **3 UNITS**
3.0 hours lecture
This class will present students with a fundamental understanding of classical and modern storytelling theory and structure. The evolution of narrative theory of dramatic literature, and the influence of film, television and new media, will be studied. The history and relationship of societal trends and aspirations, and the effects they have had on mankind's idea of storytelling, will be examined. (C-ID THTR 114) (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

THTR-102A
Theatre Production Practicum: Costumes I **2 UNITS**
6.0 hours laboratory
Supervised participation in introductory level costume construction and fabrication for a Theatre Arts production. (C-ID THTR 192) (CSU/UC)

THTR-102B
Theatre Production Practicum: Costumes II **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 102A or equivalent.
6.0 hours laboratory
Supervised participation in secondary level costume construction and fabrication for a Theatre Arts production. (C-ID THTR 192) (CSU)

THTR-102C
Theatre Production Practicum: Costumes III **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 102B or equivalent.
6.0 hours laboratory
Supervised participation in intermediate level costume construction and fabrication for a Theatre Arts production. (C-ID THTR 192) (CSU)

THTR-102D
Theatre Production Practicum: Costumes IV **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 102C or equivalent.
6.0 hours laboratory
Supervised participation in advanced level costume design, construction and fabrication for a Theatre Arts production. (C-ID THTR 192) (CSU)

THTR-103A
Theatre Production Practicum: Sets I **2 UNITS**
6.0 hours laboratory
Supervised participation in introductory level scenic and stage property construction and fabrication for a Theatre Arts production. (C-ID THTR 192) (CSU/UC)

THTR-103B
Theatre Production Practicum: Sets II **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 103A or equivalent.
6.0 hours laboratory
Supervised participation in secondary level scenic and stage property construction and fabrication for a Theatre Arts production. (C-ID THTR 192) (CSU)

THTR-103C
Theatre Production Practicum: Sets III **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 103B or equivalent.
6.0 hours laboratory
Supervised participation in intermediate level scenic and stage property construction and fabrication for a Theatre Arts production. (C-ID THTR 192) (CSU)

THTR-103D
Theatre Production Practicum: Sets IV **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 103C or equivalent.
6.0 hours laboratory
Supervised participation in advanced level scenic and stage property construction and fabrication for a Theatre Arts production. (C-ID THTR 192) (CSU)

THTR-104A
Theatre Production Practicum: Lighting/ Sound I **2 UNITS**
6.0 hours laboratory
Supervised participation in introductory level lighting and sound implementation for a Theatre Arts production. (C-ID THTR 192) (CSU/UC)

THTR-104B
Theatre Production Practicum: Lighting/Sound II **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 104A or equivalent.
6.0 hours laboratory
Supervised participation in secondary level lighting and sound implementation for a Theatre Arts production. (C-ID THTR 192) (CSU)

THTR-104C
Theatre Production Practicum: Lighting/Sound III **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 104B or equivalent.
6.0 hours laboratory
Supervised participation in intermediate level lighting and sound implementation for a Theatre Arts production. (C-ID THTR 192) (CSU)

THTR-104D
Theatre Production Practicum: Lighting/Sound IV **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 104C or equivalent.
6.0 hours laboratory
Supervised participation in advanced level lighting and sound implementation for a Theatre Arts production. (C-ID THTR 192) (CSU)

THTR-110
Introduction to the Theatre **3 UNITS**
3.0 hours lecture
This course is designed to introduce students to the fundamental concepts and practices of theatre. An overview of the creative processes of theatre will provide the student with a basic insight and understanding of the art of theatre. A study of drama as a reflection of humanities ideals and aspirations will lead to the development of a theatre aesthetic. Attendance at selected performances. (C-ID THTR 111) (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

THTR-111A
Rehearsal and Performance: Acting I **2 UNITS**
Prerequisite: Audition
6.0 hours laboratory
Supervised participation in ensemble acting for a Theatre Arts production. (C-ID THTR 191) (CSU/UC)

THTR-111B
Rehearsal and Performance: Acting II **2 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 111A or equivalent.
6.0 hours laboratory
Supervised participation in acting, utilizing fundamental skills and techniques, for a Theatre Arts production. (C-ID THTR 191) (CSU/UC)

THTR-111C
Rehearsal and Performance: Acting III **2 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 111B or equivalent.
6.0 hours laboratory
Supervised participation in acting, utilizing intermediate skills and techniques, for a Theatre Arts production. (C-ID THTR 191) (CSU/UC)

THTR-111D
Rehearsal and Performance: Acting IV **2 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 111C or equivalent.
6.0 hours laboratory
Supervised participation in acting, utilizing advanced level skills and techniques, for a Theatre Arts production. (C-ID THTR 191) (CSU/UC)

THTR-112A
Rehearsal and Performance: Stage Management I **2 UNITS**
Prerequisite: Audition
6.0 hours laboratory
Supervised participation in the area of stage management for a major theatre arts production. (C-ID THTR 192) (CSU/UC)

THTR-112B
Rehearsal and Performance: Stage Management II **2 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 112A or equivalent.
6.0 hours laboratory
Supervised participation in the area of stage management, fundamental level, for a major theatre arts production. (C-ID THTR 192) (CSU/UC)

THTR-112C
Rehearsal and Performance: Stage Management III **2 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 112B or equivalent.
6.0 hours laboratory
Supervised participation in the area of stage management, intermediate level, for a major theatre arts production. (C-ID THTR 192) (CSU/UC)

THTR-112D
Rehearsal and Performance: Stage Management IV **2 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 112C or equivalent.
6.0 hours laboratory
Supervised participation in the area of stage management, advanced level, for a major theatre arts production. (C-ID THTR 192) (CSU/UC)

THTR-113A
Rehearsal and Performance: Production Crew I **2 UNITS**
Prerequisite: Audition
6.0 hours laboratory
Supervised participation in the area of production crew for a major theatre arts production. (CSU/UC)

THTR-113B
Rehearsal and Performance: Production Crew II **2 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 113A or equivalent.
6.0 hours laboratory
Supervised participation in the area of production crew at a fundamental level, for a major theatre arts production. (CSU/UC)

THTR-113C
Rehearsal and Performance: Production Crew III **2 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 113B or equivalent.
6.0 hours laboratory
Supervised participation in the area of production crew at an intermediate level, for a major theatre arts production. (CSU/UC)

THTR-113D
Rehearsal and Performance: Production Crew IV **2 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 113C or equivalent.
6.0 hours laboratory
Supervised participation in the areas of production crew at an advanced level, for a major theatre arts production. (CSU/UC)

THTR-115
Voice and Movement for the Stage **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 130 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Training of voice and movement through exercises using the vocal and physical instruments as they pertain to creating a character. Leading exponents of voice and movement training will be studied and applied. Emphasis placed on both individual and ensemble performance. (CSU/UC)

THTR-119A
Theatre Mime I **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
Basic Theatre Mime and Pantomime techniques through direct participation and demonstrations: students will learn how to act with the whole body, to communicate non-verbal statements, emotions, and characterizations. Students will work with masks, props, and music, constructing approaches to focus on movement, control, and believability. Students may also be involved in a theatre mime production. (CSU/UC)

THTR-119B
Theatre Mime II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 119A or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Intermediate Theatre Mime and Pantomime techniques through direct participation and demonstrations: students will learn how to act with the whole body, to communicate non-verbal statements, emotions, and characterizations. Students will work with masks, props, and music, constructing approaches to Mime that will focus on movement, control, and believability. Students may also be involved in a theatre mime production. (CSU/UC)

THTR-122A
Theatre Workshop Laboratory: Acting I **1 UNITS**
Prerequisite: Audition
4.0 hours laboratory
Supervised participation in ensemble acting and performance for a Theatre Arts production. (C-ID THTR 191) (CSU/UC)

THTR-122B
Theatre Workshop Laboratory: Acting II **1 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 122A or equivalent.
4.0 hours laboratory
Supervised participation in the area of fundamental acting for a Theatre Arts production. (C-ID THTR 191) (CSU/UC)

THTR-122C
Theatre Workshop Laboratory: Acting III **1 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 122B or equivalent.
4.0 hours laboratory
Supervised participation in the area of intermediate acting for a Theatre Arts production. (C-ID THTR 191) (CSU/UC)

THTR-122D
Theatre Workshop Laboratory: Acting IV **1 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 122C or equivalent.
4.0 hours laboratory
Supervised participation in the area of advanced level/leading roles acting for a Theatre Arts production. (C-ID THTR 191) (CSU/UC)

THTR-123A
Theatre Workshop Laboratory: Construction I **1 UNITS**
Prerequisite: Audition
4.0 hours laboratory
Supervised participation in the basic technical/construction components of a Theatre Arts production. (C-ID THTR 192) (CSU/UC)

THTR-123B
Theatre Workshop Laboratory: Construction II **1 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 123A or equivalent.
4.0 hours laboratory
Supervised participation in the fundamental technical/construction components of a Theatre Arts production. (C-ID THTR 192) (CSU/UC)

THTR-123C
Theatre Workshop Laboratory: Construction III **1 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 123B or equivalent.
4.0 hours laboratory
Supervised participation in the intermediate technical/construction components of a Theatre Arts production. (C-ID THTR 192) (CSU/UC)

THTR-123D
Theatre Workshop Laboratory: Construction IV **1 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 123C or equivalent.
4.0 hours laboratory
Supervised participation in the advanced technical/construction components of a Theatre Arts production. (C-ID THTR 192) (CSU/UC)

THTR-124A
Theatre Workshop Laboratory: Production Crew I **1 UNITS**
Prerequisite: Audition
4.0 hours laboratory
Supervised participation in the basic management and technical crew components of a Theatre Arts production. (CSU/UC)

THTR-124B
Theatre Workshop Laboratory: Production Crew II **1 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 124A or equivalent.
4.0 hours laboratory
Supervised participation in the fundamental management and technical crew components of a Theatre Arts production. (CSU/UC)

THTR-124C
Theatre Workshop Laboratory: Production Crew III **1 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 124B or equivalent.
4.0 hours laboratory
Supervised participation in the intermediate level management and technical crew components of a Theatre Arts production. (CSU/UC)

THTR-124D
Theatre Workshop Laboratory: Production Crew IV **1 UNITS**
Prerequisite: Audition and a "C" grade or higher or "Pass" in THTR 124C or equivalent.
4.0 hours laboratory
Supervised participation in the advanced level management and technical crew components of a Theatre Arts production. (CSU/UC)

THTR-130
Acting I **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This course is designed for the beginning actor, laying a foundation in the fundamental skills and methods of acting. The student will participate in exercises in reading, memorization, body/voice, and improvisation. The development of characterization thru analysis and presentation of monologues and scenes. The collaborative process and an understanding of theatrical terminologies and etiquette. (C-ID THTR 151) (CSU/UC)

THTR-131
Acting II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 130 or equivalent and a "C" grade or higher or "Pass" or concurrent enrollment in THTR 101 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Through scenes and monologues the student will explore physical and vocal techniques in intermediate acting with special emphasis on theory and practice, script analysis, and dissecting modern and classical language as a major interpretive tool. (C-ID THTR 152)(CSU/UC)

THTR-132
Acting for the Camera **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 131 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course introduces students to the techniques and skills for on-camera acting. Emphasis is placed on script/side analysis, audition techniques for television and film, character development, and on-camera performance. Students will be exposed to both the practical and artistic issues that must be taken into consideration when performing in front of a camera. (CSU)

THTR-134A
Fundamentals of Costume Design and Construction I **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" or concurrent enrollment in THTR 101 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This introductory course is designed to study current equipment, materials, techniques, creative theories, and applications used in the design and construction of costumes for theatre and film. Current fabric and fabric treatments will be utilized. Students will be instructed in the production of costume accessories. (C-ID THTR 174) (CSU/UC)

THTR-134B
Fundamentals of Costume Design and Construction II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 134A or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" or concurrent enrollment in THTR 101 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course is an intermediate study of materials, specialized techniques, creative theories and applications used in the design and construction of costumes for theatre and film. Current fabric and fabric treatments will be utilized. Students will be instructed in the production of costume accessories. (CSU/UC)

THTR-136
Theatre Makeup I **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" or concurrent enrollment in THTR 101 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Basic principles, applications, techniques, and design of makeup for theatre, television, and film.

THTR-137
Theatre Makeup II **2 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 136 or equivalent.
1.0 hours lecture, 3.0 hours laboratory
The study and implementation of advanced makeup techniques used in theatre, television, and film. Techniques will include: casting prosthesis and air brushed makeup, as well as, using water based and pressed powder makeup. Emphasis will be placed on the creation of realistic and non-realistic character development and makeup design. (CSU/UC)

THTR-140A
Costume Patternmaking I **2 UNITS**
Recommended Preparation: A "C" grade or higher or "Pass" or concurrent enrollment in Theatre Arts 134A or B or equivalent.
1.0 hours lecture, 3.0 hours laboratory
An introduction to costume design using the basic flat pattern method. Students will develop a personal master pattern, create original pattern designs, and learn to manipulate basic templates into patterns for different historical periods. (CSU)

THTR-140B
Costume Patternmaking II **2 UNITS**
Prerequisite: A "C" grade or higher or "Pass" in Theatre Arts 140A or equivalent.
1.0 hours lecture, 3.0 hours laboratory
Costume design using the flat pattern or draping method. Students will develop a personal master pattern, create original pattern designs, and learn to manipulate basic templates into patterns for different historical periods. Students will also learn specialized construction techniques for creating historical undergarments and/or outer garments. (CSU)

THTR-143
Historic Costume for the Theatre **3 UNITS**
3.0 hours lecture
Survey of historic costume in the Western World, beginning with Ancient Egypt to the end of the nineteenth century. (CSU/UC) (AA/AS-3, CSU-C1,C2, IGETC-3B, Cal-GETC-3B)

THTR-144
20th Century Fashion and Costume **3 UNITS**
3.0 hours lecture
A survey of 20th century fashion in the western world. An in-depth study of fashion trends, designers, fabrics and accessories from 1900 to 2000. A look at how religious, political and economic conditions affect popular clothing trends and the design of theatrical costumes. (CSU/UC) (AA/AS-3, CSU-C1,C2, IGETC-3A,3B, Cal-GETC-3A,3B)

THTR-145
Arena Theatre Production I **2 UNITS**
Prerequisite: Audition.
6.0 hours laboratory
Supervised participation in the basic level of specialized theatre productions including community outreach tours, intersession/short term productions and student one-act play productions. (CSU/UC)

THTR-146
Arena Theatre Production II **2 UNITS**
Prerequisite: Audition and "C" grade or higher or "Pass" in THTR 145 or equivalent.
6.0 hours laboratory
Supervised participation in, the intermediate level of, specialized theatre productions including community outreach tours, intersession/short term productions and student one-act play productions. (CSU/UC)

THTR-147
Arena Theatre Production III **2 UNITS**
Prerequisite: Audition and "C" grade or higher or "Pass" in THTR 146 or equivalent.
6.0 hours laboratory
Supervised participation in, the advanced level of, specialized theatre productions including community outreach tours, intersession/short term productions and student one-act play productions. (CSU/UC)

THTR-148
Arena Theatre Production IV **2 UNITS**
Prerequisite: Audition and "C" grade or higher or "Pass" in THTR 147 or equivalent.
6.0 hours laboratory
Supervised specialized participation (including stage management, assistant director, and design) in, the advanced level of, specialized theatre productions including community outreach tours, intersession/short term productions and student one-act play productions. (CSU/UC)

THTR-155
Stagecrafts **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" or concurrent enrollment in THTR 101 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course is designed to introduce students to the planning and construction of scenery for the stage, television and film. The tools, methods and materials of scenic production will be examined and put to use. Work in the scene shop for Theatre Arts Department productions is required. (C-ID THTR 171) (CSU/UC)

THTR-156
Fundamentals of Scenic Design **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" or concurrent enrollment in THTR 155 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
This course is designed to introduce students to the fundamental theory and practice of modern scenic design, the tools that are available to scenic designers, methods of research and historical investigation for scenery and properties, the function of scenery and properties in the theatre, and modeling and rendering techniques for scenic design presentation. (C-ID THTR 172) (CSU/UC)

THTR-157
Fundamentals of Stage Lighting and Sound **3 UNITS**
2.0 hours lecture, 3.0 hours laboratory
This course is designed to introduce students to the fundamental theory and practice of modern stage lighting and sound design, functions of light and sound in the theatre, and practical experience with a wide variety of lighting and sound equipment. (C-ID THTR 173) (CSU/UC)

THTR-205
The American Musical on Stage and Screen **3 UNITS**
3.0 hours lecture
This course will introduce students to the American Musical, from its inception through its most recent live, filmed, and digital manifestations. A study of the societal movements that influence musical theatre, including demographical, socio-economic and technological trends, will be analyzed and applied. Important individual performers, producers, directors, composers and adapters will be studied. Representative theatrical productions and films will be viewed and critiqued. Observation at selected performances is required. (CSU/UC) (AA/AS-3, CSU-C1, IGETC-3A, Cal-GETC-3A)

THTR-207
Techniques of Directing I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 131 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Elementary techniques of directing, including casting, rehearsal scheduling, blocking, focusing, interpreting, and translating of dramatic literature in acting; a basic study of character and environmental analysis. (CSU/UC)

THTR-208
Techniques of Directing II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 207 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Intermediate techniques of directing, including casting, rehearsal scheduling, blocking, focusing, interpreting, and translating of dramatic literature in acting; a comprehensive study of character and environmental analysis. (CSU/UC)

THTR-230
Acting III **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 131 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Advanced development and strengthening of individual insights, abilities, and discipline needed to create a dramatic character on stage. Focus on collaboration and individual development, creative process, and reading skills with special emphasis on Shakespeare, Classic, and Modern Realism. (CSU/UC)

THTR-234A
Fundamentals of Musical Theatre - Performance I **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in THTR 130 and 205 and MUS 001 or equivalents.
2.0 hours lecture, 3.0 hours laboratory
Fundamentals of Musical Theatre-Performance is a performance-oriented course in which students learn to apply basic acting techniques to musical-theatre performance. The course will help the student integrate acting and singing training by applying acting skills to both dialogue and lyrics, thus bridging the gap between speaking and singing through the creation of a whole, unified character-one who logically and believably sings, moves and acts. The course accommodates an introduction for students with little or no previous musical-theatre experience. Primary emphasis in this class is placed on the three basic core areas of performing: singing, acting, and movement. (CSU/UC)

THTR-234B
Fundamentals of Musical Theatre - Performance II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 234A or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in THTR 205 and 130 and MUS 001 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Fundamentals of Musical Theatre-Performance is a performance-oriented course in which students learn to apply intermediate acting techniques to musical-theatre performance. The course will help the student integrate acting and singing training by applying acting skills to both dialogue and lyrics, thus bridging the gap between speaking and singing through the creation of a whole, unified character-one who logically and believably sings, moves and acts. The course accommodates performing arts students with previous musical-theatre experience, and as a continuing performance forum. Primary emphasis in this class is placed on the three core areas of performing: singing, acting, and movement. (CSU/UC)

THTR-235A
Fundamentals of Musical Theatre - Scene/Song I **3 UNITS**
Recommended Preparation: "C" grade or higher or "Pass" in THTR 130 and 205 and MUS 001 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Fundamentals of Musical Theatre - Scene/Song is a performance-oriented course in which students participate in a variety of musical theatre projects incorporating basic singing, acting, blocking, and choreographed movement. During the course, students will perform basic duets, and ensemble musical scenes and songs from the musical theatre repertoire. Ballad and up-tempo songs introduce students to a body of musical theatre literature, and will be used to prepare for auditions and performance work outside of class; while duets and musical scenes help to further integrate singing, acting, and movement skills, as well as develop appreciation of the Musical Theatre as an art form requiring the synthesis and mastery of these diverse skills. (CSU/UC)

THTR-235B
Fundamentals of Musical Theatre - Scene/Song II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 235A or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in THTR 205 and 130 and MUS 001 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Fundamentals of Musical Theatre - Scene/Song is a performance-oriented course in which students participate in a variety of musical theatre projects incorporating intermediate level singing, acting, blocking, and choreographed movement. During the course, students will perform intermediate level duets and ensemble musical scenes and songs from the musical theatre repertoire. Ballad and up-tempo songs introduce students to a body of musical theatre literature, and will be used to prepare for auditions and performance work outside of class; while duets and musical scenes help to further integrate singing, acting, and movement skills, as well as develop appreciation of the Musical Theatre as an art form requiring the synthesis and mastery of these diverse skills. (CSU/UC)

THTR-241
Theatre Arts Technical Internship **1 UNITS**
Prerequisite: Completion of Theater Arts Technical Training Program. Students will observe operations and work in a professional theatre center. Students will work 54 hours per semester, off-site, and will report progress to the Grossmont College Theatre Arts advisor on a weekly basis. All necessary paperwork will be maintained and regularly reviewed. (CSU) 54 hours paid or unpaid work experience per semester.

THTR-242
Theatre Arts Technical Internship **2 UNITS**
Prerequisite: Completion of Theater Arts Technical Training Program. Students will observe operations and work in a professional theatre center. Students will work 108 hours per semester, off-site, and will report progress to the Grossmont College Theatre Arts advisor on a weekly basis. All necessary paperwork will be maintained and regularly reviewed. (CSU) 108 hours paid or unpaid work experience per semester.

THTR-243
Theatre Arts Technical Internship **3 UNITS**
Prerequisite: Completion of Theater Arts Technical Training Program. Students will observe operations and work in a professional theatre center. Students will work 162 hours per semester, off-site, and will report progress to the Grossmont College Theatre Arts advisor on a weekly basis. All necessary paperwork will be maintained and regularly reviewed. (CSU) 162 hours paid or unpaid work experience per semester.

THTR-254A
Advanced Design I **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 134A or 134B or 136 or 156 or 157 or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Development and strengthening of insights and skills needed to undertake a theatrical design project. Special emphasis in at least one area of design introduced in Fundamentals of Costume Design and Construction, Theatre Makeup, Fundamentals of Scenic Design or Fundamentals of Stage Lighting and Sound. (CSU/UC)

THTR-254B
Advanced Design II **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in THTR 254A or equivalent.
2.0 hours lecture, 3.0 hours laboratory
Advanced development and strengthening of insights and skills needed to undertake a theatrical design project. Special emphasis in at least one area of design introduced in Fundamentals of Costume Design and Construction, Theatre Makeup, Fundamentals of Scenic Design or Fundamentals of Stage Lighting and Sound. (CSU/UC)

Divisions of the College

Allied Health and Nursing (AHN)

- Nancy Saks, DNSc, RN
  - **Senior Dean - Allied Health and Nursing**
- Nursing
  - Vacant
    - **Associate Dean of Nursing**
- Program Coordinators
  - Regina White
    - **Telemetry / ECG**
    - **Cardiovascular Technology**
  - Amanda Clay
    - **Orthopedic Technology**
  - Holly Reed
    - **Occupational Therapy Assistant**
  - Carey Flores
    - **Respiratory Therapy**

Health Professions

Cardiovascular Technology

Faculty:
Farmer, Rosen

Cardiovascular Technology is a discipline of Allied Health which specializes in the diagnosis and treatment of cardiovascular disease. Graduates of the program enter the health care profession as Cardiovascular Technologists with a specialty of Invasive, Adult Echocardiography or Vascular diagnostics. The program is composed of on-campus lecture and laboratory courses, and clinical experience in local hospitals and clinics. The Cardiovascular Program at Grossmont College is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). Refer to Commission on Accreditation of Allied Health Education Programs (CAAHEP) in Cardiovascular Technology Associate in Science in Associate Degree Programs (https://catalog.gcccd.edu/grossmont/associate-degree-programs-certificates/health-sciences/cardiovascular-technology-cvte/cardiovascular-technology-as/) for further details.

Telemetry Technician/ECG

ECG/ Telemetry technicians are allied health professionals who operate electrocardiograph machines to provide physicians with data for diagnosis and treatment of heart ailments. Telemetry Technicians are employed in hospitals, clinics, and private practice offices.

The beginning ECG/ Telemetry course trains students to record basic electrocardiograms and recognize abnormalities. ECG/ Telemetry Technicians may also be required to perform pacemaker evaluation, cardiac stress-testing, Holter monitoring, and telemetry arrhythmia monitoring. The advanced telemetry courses include the theory and techniques necessary to perform these duties.

Nursing

Faculty:
Aliyev, Babini, Brooks, Dyal, Madrid, Maloney, Ngo-Bigge, Rivas, Ryan

Nursing is a profession whose focus is the diagnosis and treatment of human responses to actual and potential health problems. The Nursing Program prepares individuals to provide professional nursing care to clients in critical, acute, chronic and out-patient settings. The Nursing Program is approved by the California Board of Registered Nursing and is accredited by the Accreditation Commission for Education in Nursing. Refer to Accreditation Commission for Education in Nursing (ACEN) in Nursing Associate in Science in Associate Degree Programs (p. 165) for further details.

Occupational Therapy Assistant

Faculty:
Fries, Reed

The Occupational Therapy Assistant is a health care professional who works in collaboration with a registered occupational therapist to improve functional performance in daily living activities with people who are limited by physical injury or illness, mental health problems, developmental or learning disabilities or the aging process. Treatment goals are accomplished through the use of therapeutic occupations including: manual and creative arts, daily living tasks, exercises, play/leisure activities and simulated work tasks. The Occupational Therapy Assistant Program prepares individuals to provide services in a wide range of treatment settings including: hospitals, rehabilitation facilities, skilled nursing facilities, schools, day treatment centers, outpatient clinics and other community agencies. The Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE), 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929, phone number (301) 652-6611. Refer to Accreditation Council for Occupational Therapy Education (ACOTE) in Occupational Therapy Assistant Associate in Science in Associate Degree Programs (p. 167) for further details.

Orthopedic Technology

Faculty:
Clay, Duke, Rice

Training as an Orthopedic Technologist offers lifetime professional skills in an expanding allied health field. This program is designed to prepare graduates to perform the application, adjustment and removal of casts, splints and braces; set up and maintain all traction configurations; assist in the care of the acutely injured orthopedic patient, including wound dressings; and to assist the physician in the reduction and/or manipulation of orthopedic injuries.

Most Orthopedic Technologists are employed in either hospitals, clinics, or private practice offices. Refer to Admission: Orthopedic Technology (OT) Program in Admission Information (p. 18) for program admission requirements.

Respiratory Therapy

Faculty:
Flores, Handley, Rose
Medical Direction is provided by Dr. David Willms, Pulmonologist at Sharp Memorial Hospital, San Diego.

Respiratory Therapy is an expanding field in medical treatment. Students are trained in the treatment, management, control and care of patients with respiratory diseases or other cardiopulmonary dysfunction. Practitioners in Respiratory Therapy are involved in a wide variety of life-saving and life-supporting situations, working side-by-side with physicians and others on the health care team. Graduates enter the health care profession as a Registered Respiratory Therapist and may work in a variety of health care settings - hospitals, including acute and critical care (intensive care units - neonatal, pediatric and adult), rehabilitation diagnostic laboratories and outpatient clinics. The Respiratory Therapy Program is accredited by the Commission on Accreditation for Respiratory Care (CoARC). Graduates are eligible for licensure through the Respiratory Care Board of California (RCB) and for the entry level and advanced level practitioner exams (CRT and

RRT) through the National Board for Respiratory Care (NBRC). Refer to Respiratory Care Board of California (RCB) in Admission: Respiratory Therapy (RESP) Program in Admission Information (p. 18) for further details.

Arts, Languages and Communication (ALC)

- Vanessa Fountain, DMA
  - **Dean**
- Department Chairpersons
  - Jamie Gould
    - **American Sign Language**
  - Victoria Curran, Joel Castellaw
    - **Communication**
  - Nancy Boskin-Mullen
    - **Dance**
  - Jeanette Calo
    - **Media Communications**
  - Derek Cannon, Melonie Grinnell
    - **Music**
  - Katie Banville
    - **Theatre Arts**
  - Gareth Davies-Morris
    - **Visual Arts & Humanities**
  - Ruth Navarro
    - **World Languages:**
    - **Arabic, French, German, Japanese, Spanish**

The Division of Arts, Languages and Communications provides courses of study in the fine and performing arts, including studio arts, art history, dance, digital media, music, photography, and theatre. Other course offerings include humanities, communication, forensics debate, media communications, American Sign Language and world languages. Courses and programs are designed to meet the needs of those seeking a degree in these fields, seeking transfer to a university, or for those preparing for careers in these fields as well as for those seeking general education or desiring to develop creative skills.

American Sign Language

Faculty:
Gould

The American Sign Language program offers students the opportunity to learn about the history of the language and aspects of Deaf Culture while developing skills in ASL use.

Communication

Faculty:
Akua, Castellaw, Curran, McHan, Perez, Schulmeyer, Strothers, Tuscany

Communication's basic objective is to provide experiences which lead to improved awareness, knowledge and skill in human communication. Focusing on communication behavior, the course offerings utilize the insights of the behavioral scientist, the psychologist, the communicologist, and the semanticist, as well as the rhetorician. Although the major responsibility is to serve all members of the college community, regardless of their educational objectives or occupational goals, specialized training is available for communication majors and other students with special needs and interests.

Dance

Faculty:
Boskin-Mullen

Dance is the language of movement, which serves as a means of communication and expression basic to all individuals.

The dance department offers a diverse selection of movement styles and dance genres. Emphasis is placed upon proper alignment, kinesthetic movement principles, and theory to support a variety of dance forms.

Opportunities are provided for all interested persons to develop their dance skills and movement potential. Courses are designed to fill the general need and will also allow for intensive study in a particular area.

The Associate Degree in Dance program is designed to provide training for transfer to similar programs at four-year institutions and will prepare the student for employment in a variety of areas of dance. The department also offers a Certificate of Achievement in Dance. Biannual faculty and student choreographed dance concerts provide students choreography and performance opportunities. The dance curriculum includes courses in ballet, modern dance, jazz, tap, hip hop, musical theater dance, choreography, improvisation, pointe, Pilates, dance history, and dance theater performance.

Students who plan to pursue a dance major should confer with the department chair.

Media Communications

Faculty:
Ahearn, Calo, Wirig

The area of Media Communications (MCOM) includes Audio Production, Cross-Media Journalism, and Video Production. Production courses in each emphasis are conducted with state-of-the-art equipment. In these courses, students learn to write and produce program material, operate studio-quality equipment, and function within media communications production organizations.

Audio Production students can choose between *Audio Multi-track Production* and *Radio Broadcasting*, preparing them for careers in music and broadcast industries. Cross-Media Journalism courses are designed to make students aware of the impact of the news media on their lives and to develop competency in the numerous skills demanded of today's journalists. Students enrolled in Video Production courses learn the process of visual storytelling, from creating short films and documentaries to making music and marketing videos.

MCOM students can serve on the staff of Griffin Radio, the college's radio station, and The Summit, the college's news website and print magazine. They can also develop and record newscasts and podcasts. Many graduates of the MCOM program go directly to employment positions in broadcasting, corporate communications, and digital media production companies, or transfer to four-year universities.

Music

Faculty:
Cannon, Grinnell

The two-year major in music will prepare a student for transfer to a four-year institution for completion of an elementary or secondary teaching credential; a major in jazz, music history, theory or composition; or an applied music degree. In addition, the music staff welcomes all persons interested in continuing their development of skills and appreciation of music by enrolling in any of the technical or performance classes.

The music curriculum of the college includes courses in harmony, counterpoint, ear-training, keyboard, sight-singing, and music appreciation. Class study is offered in voice, piano, classical guitar, strings, brass, woodwind and percussion. Performing groups include Symphony Orchestra, Concert Band, Jazz Ensemble, Guitar Ensemble, Master Chorale, Vocal Jazz Ensemble, String Orchestra, Middle Eastern Ensemble and Afro-Cuban Ensemble.

The performing organizations provide a variety of programs for student and community interest. The student recitals and annual Winter and Spring Concerts offer cultural opportunities to both performers and audiences.

Students who plan to follow a music major course should contact the Music Department office before or during registration in order that prerequisites and placement obligations are clearly understood. Music majors are expected to participate in at least one performing group each semester.

Theatre Arts

Faculty:
Banville, Bennett, Gittings

The Grossmont College Theatre Arts Department provides a professional environment for holistic theatrical training. Our curriculum strives to provide the essential lower division courses needed to transfer to four-year institutions along with the skills for immediate employment in the entertainment industry. With a focus on equity, inclusion and outreach we prepare our diverse student population to strive for artistic and academic excellence. General Education classes also offered in the areas of Theatre Appreciation and Costume History, as well as Narrative Theory. Specialized performance areas include: Voice and Movement for the Stage, Acting for the Camera, and Musical Theatre. Several different avenues are available for student involvement in productions including on-site productions, touring/off-site productions, and summer productions. No theatre student is completely equipped without at least a passing knowledge of the total requirements of all the areas necessary to produce and present stage productions. Those interested in pursuing an Associate Degree are encouraged to contact the Theatre Arts Department for clarification on prerequisites and course offerings.

Visual Arts & Humanities

Faculty:
Art History – Molina
Ceramics – Gray
Humanities – Davies-Morris, Mapes
Painting and Drawing – Bennett
Photography – Turounet
Sculpture/Jewelry – Rainbolt

Art History explores the creative production of cultures and individuals from the ancient world to contemporary times. Works of art and monuments are studied with regard to their historical context – religion, culture, politics, and technology with the goal of understanding and distinguishing characteristics of style belonging to art historical periods, artists, works of art, and media.

Ceramics Ceramic form and technique are explored through experiences in hand building and wheel throwing. Ceramic history and cultural traditions, aesthetics, and many processes and techniques of pottery and sculptural ceramic forms are examined. The study of ceramics involves both theory and practice and can relate in many ways to other aspects of life.

Digital Art is an evolving medium that fuses traditional concepts of composition and art making with newer digital methodologies. Using significant technologies and image making processes, Digital Art students explore a wide range of digital tools and compositional devices to learn how to employ computers to produce powerful images and animations.

Drawing, Painting, and Printmaking provide students with a two-dimensional art foundation to increase aesthetic awareness and abilities to generate, solve, and respond to visual information. Techniques, materials, and methods of the practice and critical discourse of representational and contemporary art are explored in a cultural context of visual arts as a vehicle of expression.

Humanities (studia humanitas) courses use analytic and critical thinking skills to read, write, and study that which pertains to the human condition, with particular focus on the liberal arts (e.g., literature, art and art history, philosophy, religion, music, architecture, anthropology and archaeology, theory, etc.). Humanities attempts to discover and make sense of the world through interdisciplinary and chronological viewpoints.

Photography provides students an in-depth study into the practice and critical discourse of photography, photographic seeing and lens-based culture as a visual document of creative expression and communication. The fundamentals of analog and digital photography are set within a series of foundation, intermediate and advanced courses which reference the rich history of the medium as well as contemporary practice, providing students the opportunity to complete an Associates of Arts degree or a Certificate of Achievement.

Sculpture/Jewelry includes 3-D design, jewelry design, and sculpture courses emphasizing study in the various physical methods and conceptual theories used to produce three-dimensional art. Sculpture students explore a wide range of media in both an historical and contemporary viewpoint, ranging from traditional object-making to art in a public context.

World Languages

Faculty:
Crespo, Ireiqat, Navarro, Vincent, Young

In a world that is increasingly interdependent, we can no longer afford to remain monolingual. Success depends in large measure on the ability of an individual to function as a member of a global village whose members speak a variety of languages. Learning world languages is no longer a pastime: it is a necessity. How does learning an additional language help you to meet today's challenges?

The Study of Languages

- helps you to expand your view of the world
- encourages critical reflection on the relation between language and culture, language and thought
- expands your opportunities for meaningful leisure activities (such as travel, viewing foreign language films, watching foreign TV programs)
- develops your intellect (encouraging good learning habits, memorization, combining course content and skills in a meaningful way)
- improves knowledge of the native language (through comparison and contrast with the foreign language)
- exposes you to modes of thought and viewpoints that are available only in the foreign language and its culture
- helps to build practical skills that may be used in other disciplines

- fosters your understanding of the interrelation between language and human nature
- teaches and encourages respect for other ethnic groups
- contributes to the development of your personality
- contributes to the achievement of national goals, such as economic development or national security

At Grossmont College, world languages are presented as a major for the specialist, as a required introduction for the transfer student, and as a source of personal development for the student seeking general education.

Language learning is presented in the sequence of listening, speaking, reading and writing, yet never losing sight of the cultural aspects. While developing oral skills, the student gains background in reading and writing and related cultural aspects adequate to successfully continue his/her language studies elsewhere and to apply his/her language skills in practical situations.

Ordinarily, the student with two years of high school language will enroll in level two in college; three years of high school language, level three; and with four years of high school language in level four.

There is a prerequisite exam that may be taken at the Assessment Center (Bldg 10-Room 172) for the student who does not know their level or does not have transcripts or documentation.

Career and Technical Education/Workforce Development (CTE/WD)

- Javier Ayala, Ph.D.
  - **Dean**
- Department Chairperson
  - Kelly Menck
    - **Administration of Justice**
  - Brian Keliher
    - **Business Administration**
  - Hau Nguyen
    - **Computer Science Information Systems**
- Program Coordinator
  - Donna Dixon, Sosha Thomas
    - **Business Office Technology**
  - Robin Sepulveda
    - **Child Development, Education and Family Studies**
  - James Foran
    - **Culinary Arts**
  - Eva Nicasio
    - **Global Trade, Hospitality & Tourism Management, International Business, Management, Marketing, Retail Management**

The Division of Career and Technical Education/Workforce Development offers a variety of associate degree and certificate programs and courses which prepare students for careers, career upgrade and for transfer to four-year colleges and universities.

Administration of Justice

Faculty:
Menck, Sampson, Stewart, Young

Administration of Justice (AOJ) Department, also known as Public Safety and Security Programs, offers a variety of degrees, certificates, and courses. The program includes four major Areas of Emphasis: Law Enforcement, Corrections, Forensic Technology, and Security Management. An Associate of Science-Transfer Degree is also available which provides priority registration to SDSU & CSU Criminal Justice degree majors. In addition to the areas of emphasis, the department presents a Security Academy, Public Safety Dispatch and in-service training. All programs are designed for career-oriented students or transfer to four-year institutions. For detailed information, view the AOJ website at https://www.grossmont.edu/aoj (https://www.grossmont.edu/aoj/).

Business

Business education is among the largest and most popular fields of study. In many of the programs, community business leaders work cooperatively with the college staff to provide an on-site educational experience. Grossmont's programs are divided into the following three areas:

Business – Administration

Faculty:
Barendse, Hern, Keliher

Business Administration is the program intended for those students planning to transfer to a four-year college in any business area.

Business Office Technology

Faculty:
Dixon, Keane, Thomas

This program prepares students for employment in today's technology intensive offices. Students complete courses for either the Administrative Assistant or Executive Assistant major. Computer training is emphasized and is offered online, hyflex and on campus. The comprehensive series of Microsoft Office courses prepares students to take the Microsoft Office User Specialist (MOUS) Certification Examination. Students also complete internships with local employers. Graduates of the program will be prepared to work with management in all types of business environments. The Business Office Technology program also offers several certificates of proficiency in a variety of specialties including Medical Office Assistant which provides students the necessary skills to gain employment in a variety of medical office environments. Students successfully completing the certificate will be qualified to seek employment as: Medical office receptionists, hospital admitting clerks, medical insurance billers, to name a few. https://www.grossmont.edu/academics/programs/bot/opt.php

Child Development, Education and Family Studies

Faculty:
Sepulveda, Soltero

Child Development, Education and Family Studies offer a range of courses for family and life management, parenting, lifelong learning and opportunities for employment in the field of Early Childhood Education and related areas. Several courses in Child Development, Education and Family Studies can be used to fulfill general education requirements and most are transferable to four-year colleges and universities.

The Child Development program is designed for persons seeking employment in the child development field as teachers, directors, and owners of preschools and child care centers including infant/toddler programs. Courses meet requirements for Community Care Licensing and the California Commission on Teacher Credentialing Child Development Permits. We operate an on-campus child care program providing care for

children of students and employees of Grossmont College and serving as a lab school for students who are enrolled in child development courses.

The Education Department serves to facilitate those seeking careers in teaching. Course offerings augment the general education program required for transfer to a four year institution.

Family Studies offers courses designed to help individuals manage their lives more effectively. Family Studies addresses contemporary issues such as changing family styles, time and stress management, development through the life span and aging. Family Studies is dedicated to enabling individuals to develop skills that improve the quality of life.

Child Development, Education and Family Studies also operate the Foster Adoptive and Kinship Care Education program providing training and support groups throughout the county in collaboration with the local region's Community Services for Families agencies.

Further information on these programs is available on the website: https://www.grossmont.edu/childdevelopment (https://www.grossmont.edu/childdevelopment/).

Computer Science Information Systems

Faculty:
Bell, Gillespie, Hotz, Nguyen

The CSIS Department delivers quality education to students based on a comprehensive, relevant curriculum that provides students with the ability to transfer, enter the workforce, promote and maintain life-long learning.

This is a comprehensive and well-equipped program leading to proficiencies in computer programming, web design, and Local Area Network support specialist. Expanding opportunities in computer and information science make these programs increasingly popular.

Culinary Arts

Faculty:
Carlone Baker, Foran, Rossi

This program prepares students for employment in today's food service/hospitality industry. Students may earn either a Certificate of Achievement, a Culinary Arts degree or a Pastry Arts degree. Graduates of the program enter an industry filled with expanding opportunities as executive chefs, banquet chefs, restaurant chefs, personal chefs, pastry chefs, caterers, kitchen and restaurant managers, line cooks, prep cooks, banquet cooks and also as owners of their own food service operation. The program is composed of on-campus lecture and lab courses. Some coursework is transferable to four-year institutions.

Global Trade, Hospitality & Tourism Management, International Business, Management, Marketing, Retail Management

Faculty:
Nicasio

Programs in this area include Marketing, Management, International Business, Global Trade, and Retail Management. Many of the majors in this area include on-site cooperative work experience with local employers.

Counseling (COUN)

The Division of Counseling programs are fully described in the Student Services section of this catalog or online at https://www.grossmont.edu/student-support/index.php (https://www.grossmont.edu/student-support/).

Counselors provide services designed to help people become more acutely aware of their values, interests and abilities, thus enabling them to take maximum advantage of educational and vocational opportunities.

Counselors strive to establish a counseling relationship conducive to self-exploration, creative problem-solving, the development of meaningful relationships with others, experiencing newness and change, accepting personal responsibility and the development of individualized educational and/or vocational plans.

Students are encouraged to avail themselves of counseling services by making an appointment online at the reception desk in the Counseling Center, or by calling (619) 644-7208. Questions requiring short answers usually can be answered by the counselor on duty in the lobby of the center, online, or by staff when calling the center. Persons with emergencies are seen promptly.

- Martha Clavelle
  - **Dean of Counseling Services**
  - **Wendy Cruzado & Natalie Ray**
    - **Department Co- Chairs- General Counseling**

General Counseling Faculty:

Aceves, Aloka, Ayala, Canady, Corona-Batalona, Cruzado, Cuevas, Decker, Dillon, Heidari, Johnson, Macias, Martinez, Moore, Morente, Patnaik, Ramirez, Ray, Silva, Tajii, To, Toral

- Courtney Willis
  - **Dean of First Year Services & Retention**

A.R.C. - CalWORKs - EOPS - CARE - NextUp

Students who are part of ARC, CalWORKs, EOPS/CARE/NextUp may contact each department directly to schedule appointments with their counselor.

Veronica Romero, ***Associate Dean of Student Services & Special Programs***

Program Coordinators:

- Patrice Braswell, *Accessibility Resource Center (A.R.C.)*
  Faculty: Braswell, Cohn-Geltner, Fielden, Ho
- Gabrielle Gosselin, *CalWORKs*
  Faculty: Al Saegh, Gosselin
- Maite Valladolid, *Cooperative Agencies Resources for Education (CARE)*
- Brian Woolsey & Maite Valladolid, Co-Chairs *Extended Opportunity Programs & Services (EOPS)*
  Faculty: Lopez, Marsh, Perez, Valladolid, Woolsey
- Brian Woolsey, *NextUp*
- Chanika Marsh, *Summer Institute Program (SIP)*

English and Social/Behavioral Sciences (ESBS)

- Agustin Albarran
  - **Dean**
- Department Chairpersons
  - Lara Braff, Michael Bacon, Israel Cardona Gerena
    - **Behavioral Sciences:**
    - **Anthropology, Psychology, Sociology**
  - Michelle Crooks, Alan Traylor
    - **English**
  - Natalia Aylett

    - **English as a Second Language**
- Natalye Harpin, Raymundo Quezada
    - **Ethnic, Gender, & Social Justice; Ethnic Studies, Gender Studies** (formerly Cross-Cultural Studies Program)
- Angela Feres
    - **History**
- June Yang
    - **Philosophy, Religious Studies**
- Ricardo Crespo
    - **Political Economy:**
    - **Economics, Political Science**

Courses in the English and Social/Behavioral Sciences Division are designed to develop the reading, writing, speaking, listening, and thinking skills necessary for effective critical analysis and understanding of the complex interrelationships of people and institutions in this world of diverse cultures and perspectives. The dynamic social, political, economic, philosophical, and linguistic patterns of our world challenge us to examine information in a scientific manner within the proper historical context. The departments within the English and Social/Behavioral Sciences Division strive to bring the tools of scientific methodology into the study of cultures and people, past and present, through the disciplines of anthropology, ethnic and gender studies, economics, English, English as a second language, history, philosophy, political sciences, psychology, religious studies, and sociology. Many courses satisfy general education requirements at Grossmont and at four-year colleges and universities. In addition, the courses offered fulfill some or all lower division requirements for a variety of majors.

Anthropology

Faculty:
Braff, Yoshida-Levine

Anthropology is the study of all aspects of the human species, spanning the time from the earliest human ancestors to contemporary societies. In seeking to understand human diversity anthropologists take an extremely broad approach, emphasizing both biological and cultural aspects of humanity. Anthropology is traditionally organized into four subfields: cultural anthropology, physical anthropology, archaeology, and linguistic anthropology.

Coursework in anthropology is a valuable component of a liberal arts education. Students of anthropology learn to develop a broad perspective on humanity, apply scientific research methods, and work effectively in a multicultural environment. These competencies can help students succeed in a global society.

Economics

Faculty:
McGann, Myers, Shahrokhi

Economics students study the major types of economic systems in the world, the ways economic/political decisions are made, and the outcomes of those decisions.

English

Faculty:
Balasubramanian, Bellinghiere, Brown, Cardenas, Cervantes, Crooks, Deutsch, Griffith, Harris, Jendian, Ledri-Aguilar, Miller, Nolen, Rodriguez, Roe, Sherlock, Sow, Steliga, Traylor

The study of English engages the student both as reader and as writer. As reader, the student explores the traditions of literary form and thought characteristic of western and other world civilizations. As writer, the student practices methods of imposing order on ideas and expressing those ideas in an effective manner. Although a literature course emphasizes literary excellence in the works of others and a composition course concentrates on the student's writing skills, both encompass the entire communication process. Thus the student of English learns to appreciate not only the historical evolution of literary art but also the interrelationship of process, form, and content in composition, thereby becoming both a more perceptive reader and a more proficient writer.

English as a Second Language

Faculty:
Aylett, Carroll, Ferguson, Gorokhova, Poupard

The goal of English as a Second Language (ESL) instruction is to help students succeed in college and at work. To meet the needs of individual students, courses are offered at five proficiency levels, and all language skills are taught: listening, speaking, reading, writing, and grammar. Orientation to American culture is integrated into the courses. ESL placement assessment sessions are provided so students know at which level to begin the program.

Ethnic, Gender & Social Justice; Ethnic Studies, Gender Studies

Faculty:
Harpin, Quezada

The Ethnic, Gender, and Social Justice Studies Department houses courses in Chicana/o/x, Black, Native-American, and Womens' and LGBTQ Studies. All are transferable and count toward GE; tag transfer agreements (CSU) allow students to complete the lower-division requirements for a major or minor in the above disciplines. Certificate of Proficiency for ETHN-115 Introduction to Cultural Competence (Cross-Cultural Competence) proves proficiency in working and communicating in a diverse society.

History

Faculty:
Contreras, Ennis, Feres, Henry, Martin, Meeks

History is the study of the documented past to acquire understanding into the world's institutions, ideas, values and creations. The study of history constitutes all aspects of human endeavor including the arts, sciences, technology, economics, politics, war, ideology, culture and society. History also examines the diverse contributions of all gender, socio-economic, racial, ethnic and regional groups in shaping the drama and dynamism of the human experience. From the analysis of historical evidence, students develop the oral, written and critical thinking skills to interpret and communicate the deeper meanings of historical events and people. Studying history also provides the appropriate context for students to grasp the major issues, challenges and conflicts of our present time. This enables more informed debate and discourse in today's world.

Philosophy and Religious Studies

Faculty:
Abundez-Guerra, Burke, Yang

Philosophy is the study of knowledge, reality, human values, and logic. In our times, there is a renewed urgency to separate truth from distortion, establish moral truths, and assess proper reasoning. Philosophy strives to meet these needs. Students of philosophy excel at critical thinking, and at critiquing and improving world views and theories within many disciplines. Additionally, philosophy students are well-equipped to

enter various careers, as well as graduate school, especially in law and medicine.

Our Religious Studies courses cover Buddhism, Hinduism, Confucianism, Islam, Christianity and Judaism. Additionally, we cater our courses and course availability to student demand. We offer Introduction to the New Testament and expanded course offerings as our enrollment has increased. This subject area assists students to appreciate religion as the powerful force of culture that it is. Additionally, our courses offer invaluable theoretical tools for assessing the ideas of an age witnessing the resurgence of religion and spiritualism.

Political Science

Faculty:
Braunwarth, Crespo, Myers

Political Science courses are designed to help the student understand the political environment in which we live, the political processes for decision making, **the vital participatory role of citizens in our democratic political system**, and the great political issues of our day.

Psychology

Faculty:
Bacon, Chafin Arenz, Pak, Ramos, Thukral

As the science of behavior and mental processes, psychology is an academic discipline that emphasizes the study of the individual organism. Standing at the interface between the biological sciences and the social sciences, psychology seeks to investigate such topics as brain and neural functioning, development throughout the life span, sexuality, learning, perception, states of consciousness, memory, cognitive processes, motivation, emotion, personality, abnormal behavior, psychotherapy, and the effects of the group on the individual.

Sociology

Faculty:
Cardona Gerena, Diaz, Soto

Sociology is the scientific study of human societies and of the behavior in the groups that make up a society. It offers perspectives, tools, data, and concepts that enable the student to creatively, thoughtfully, and systematically investigate the social environment.

Learning and Technology Resources (LTR)

- Stephan Fomeche
  - **Interim Dean**
- Department Chairperson
  - **Library**
  - **Julie Middlemas**
  - **Faculty:**
  - **Farina-Hess, Kalker, Middlemas, Owens, Tethong**

Library, Reference Desk, Reserve Textbooks, Interlibrary Loan (ILL), Distance Education, Instructional Media Services,Tutoring Centers, Open Computer Lab, and Instructional Computing Services

The Learning and Technology Resource Center is building 70 and is located in the middle of campus. (See map on the inside of the back cover.) The Center provides a broad range of services that are constantly adapting to students' changing educational needs and learning styles as well as advances in technology.

The Library occupies the north end of the building (enter from Library entrance). Designed to be both a study environment and a place for relaxation and socializing, it provides easy access to instructional materials along with multiple study carrels, tables, group study rooms, computer stations, laptops, lounge chairs, interactive activities, and a copy center. The Library collections are both print and electronic and provide access to over 100,000 books, periodicals, databases, DVDs and streaming media. The library resources are available on and off campus via the library homepage at https://www.grossmont.edu/library (https://www.grossmont.edu/library/).

Librarians provide a variety of information services. At the reference desk located on the 1st floor, librarians guide students in selecting the best resources, and assist students in developing research strategies for papers and reports. The librarians' aim is to help students become more confident and self-sufficient in their use of information resources. Library Instruction is provided in the Library Instruction Lab (LIL; Room 267) at instructor's request or via an online tutorial in Canvas. The library also offers information literacy courses.

Interlibrary Loan (ILL) services include access to books, and articles from colleges and universities throughout the country.

The **Reference Desk** is located on the 1st floor of the library and provides students and faculty with assistance with a variety of course and college-related questions. This includes support for research questions as well as assistance with login and printing services.

Instructional Media Services provides assistance to faculty with classroom technology, including smart carts, LCD projectors and document cameras. IMS also provides audio-visual support to campus-wide events. Services must be requested at least 2 weeks in advance using the event request form link: https://www.grossmont.edu/technology/ims (https://www.grossmont.edu/technology/ims/).

Distance Education is a flexible and convenient opportunity for self-motivated students. Resources are available for students at the Online Success website that helps students determine whether online learning is right for them: https://www.gcccd.edu/online (https://www.gcccd.edu/online/). Faculty develop a variety of online and hybrid courses which are mainly delivered via the Learning Management System, Canvas.

Instructional Computing Services (ICS) provides support and management of faculty office systems and academic computers and servers campus-wide.

Learning Assistance Centers

Learning Assistance Centers

There are numerous Learning Assistance Centers located throughout the campus. Information on these centers can be found on the website: https://www.grossmont.edu/tutoring (https://www.grossmont.edu/student-support/tutoring/). These centers provide students with various levels of assistance, tutoring and computer access. All students have free access to drop-in tutoring both in person and online.

English Writing & Humanities Center (EWHC) is part of the English Department and is located on the first floor of the Tech Mall. Staff includes English reading and writing skills peer tutors, as well as humanities tutors. The EWHC's provides tutoring support to all Grossmont College students in reading, writing, and critical thinking for all courses.

Math and Science Center (MSC) is located on the second floor of Building 36. The MSC is a part of the math department and provides walk-in,

individual, group, and computer-aided tutoring for all levels of Math as well as many Science courses.

Open Computer Lab (OCL) is located on the 1st floor of the Tech Mall and occupies the center of the south side of the building. This is the largest general use computer lab on campus and supports a number of programs. There are approximately 100 PCs available for students to access word processing applications, subject-specific software, database applications, and computer-aided instructional applications. Printing and scanning are also available.

Math and Sciences

- Shawn Hicks
  - **Dean**
- Department Chairpersons
  - Selene Miles
  - Michele Perchez
    - **Biological Sciences**
  - Diana Vance
    - **Chemistry, Science**
  - Judd Curran, Mark Goodman
    - **Earth Sciences:**
    - **Geography, Geology, Oceanography**
  - Randy Abshier
    - **Exercise Science and Wellness**
  - Jenny Vanden Eynden, Susan Working
    - **Mathematics**
  - Sebastien Cormier
    - **Physical Sciences:**
    - **Astronomy, Physical Science, Physics**
- Program Coordinators
  - Megan Konold
    - **Nutrition**
  - Karen Caires
    - **Health**

The Division of Math and Sciences includes Astronomy, Biological Sciences, Chemistry, Exercise Science, Geography, Geology, Health, Mathematics, Oceanography, Physical Science, Physics, and the philosophy of Science. Some courses satisfy general education requirements at Grossmont College and at four-year colleges and universities. In addition, the courses offered fulfill lower division requirements for a variety of majors.

Astronomy, Physical Science, Physics

Faculty:
Blanco, Carter, Cormier, Fitzgerald

The Department of Astronomy, Physical Science, and Physics offers classes suited for a general education in science and for career preparation in math, science, medicine and engineering. Fundamental physical principles are discussed and applied to the universe around us.

ASTR-110 Descriptive Astronomy, ASTR-112 General Astronomy Laboratory, ASTR-120 Exploration of the Solar System, PSC-100 Physical Science for Elementary Education, PSC-110 Introduction to the Physical Sciences, PSC-111 Introduction to Physical Sciences Laboratory, and PHYC-110 Introductory Physics are specifically directed toward the general education of students majoring in fields other than math and science. PSC-100 Physical Science for Elementary Education is designed to prepare students for a career in elementary education. PSC-120 Fundamentals of Scientific Computing (MATLAB) prepares students to perform scientific computation in industry and research.

PHYC-130 Fundamentals of Physics-PHYC-131 Fundamentals of Physics is a two-semester calculus based sequence directed toward students planning careers in biology and medicine. A three-semester calculus based sequence, PHYC-201 Mechanics and Waves-PHYC-202 Electricity, Magnetism, and Heat-PHYC-203 Light, Optics, and Modern Physics, is directed toward students planning for careers in physics and engineering.

In lab classes, students work collaboratively to gain hands-on experience with principles discussed in class.

Biological Sciences

Faculty:
Alagia, Holden, Miles, Miller, Perchez, Ripley, Shearer

The Biological Sciences curriculum at Grossmont College has two principal objectives upon which its program is based. The first is general education and the belief that the educated person should have an opportunity to learn characteristics and attributes common to all life, if he/she is to understand his/her own place among living things.

A corollary to this is the increasingly obvious need to develop attitudes which permit people to live in harmony with their environment. Information concerning problems with a biological base, such as the population explosion, pollution, people's role in maintaining the biosphere, the energy crisis and resources conservation, are examples of general education topics for which biology teachers assume responsibility.

Six courses: BIO-105 Marine Biology, BIO-110 Environmental Biology, BIO-112 Contemporary Issues in Environmental Resources, BIO-114 Heredity, Evolution and Society, BIO-118 Introduction to Human Biology, BIO-120 Principles of Biology, are specifically oriented to general education. Each of these courses satisfies the science requirements for graduation. It is suggested that students majoring in areas other than life science satisfy their graduation requirements by enrolling in BIO-105 Marine Biology, BIO-110 Environmental Biology, BIO-112 Contemporary Issues in Environmental Resources, BIO-114 Heredity, Evolution and Society, BIO-118 Introduction to Human Biology, or BIO-120 Principles of Biology.

The second objective is that of preprofessional training. Courses are offered which are applicable to a variety of major fields in the life sciences ranging from general biology, ecology, forestry or zoology to various health sciences, such as premedicine, nursing, or preveterinary science. Such courses include: BIO-140 Human Anatomy, BIO-141 Human Physiology and BIO-141L Laboratory in Human Physiology, BIO-144 Anatomy and Physiology I and BIO-145 Anatomy and Physiology II, BIO-152 Paramedical Microbiology, BIO-215 Statistics for Life Sciences, BIO-230 Principles of Cellular, Molecular and Evolutionary Biology, and BIO-240 Principles of Ecology, Evolution and Organismal Biology.

Students majoring in a biological or health professions field are advised to check the program requirements of the college to which they plan to transfer for course equivalency or special course requirements at those particular schools. Students should also be cognizant of the prerequisites of preprofessional courses and are encouraged to consult with a Grossmont counselor regarding lower division biology, chemistry, mathematics or physics requirements.

Chemistry

Faculty:

Joshi, Larter, Lehman, Vance

The courses offered by the Chemistry Department give students an appreciation for the depth and breadth of chemistry. We provide separate academic tracks for the transfer student, for those in the Allied Health Programs and for those seeking to fulfill general education requirements. Students are trained to find rational explanations for phenomena, consider relationships among various disciplines, and develop self-reliance in seeking answers. Through this approach students develop a better appreciation and understanding of our world.

Coursework is designed to provide a theoretical as well as a practical education. Students have the opportunity to apply chemistry in a world of rapidly changing technological growth.

Laboratory experiences give students direct, hands-on understanding of Chemistry. In addition, performing experiments allows students to participate in "discovery" learning and hone scientific techniques.

Exercise Science, Nutrition and Health

Faculty:
Abshier, Aylward, Caires, Ivers, Jordan, Kelley, Kerns-Campbell, Larsen, Weber

The Exercise Science, Nutrition and Health Department provides a comprehensive, evidence-based approach to optimizing health and preventing chronic disease through diet, physical activity and health-promoting behavior. The department offers a multidisciplinary curriculum centered on the concept that movement skills, intellectual development, physical fitness, healthful living, and dietary practices are elements of life that must be taught and reinforced.

Courses in Exercise Science explore how physical activity impacts skill acquisition, disease prevention, fitness, and sport. These courses emphasize knowledge, skills, and practice techniques that enable students to improve their physical fitness through sequential progressions in the learning process.

Health curriculum is approached within two main categories- Personal health and public health. Personal health course topics include exercise, nutrition, stress management, substance abuse, reproductive health and disease prevention. Public health discipline focuses on factors that influence health and disease from a societal-based perspective. Core concepts include epidemiology, infectious disease, environmental health, and healthcare policy along with discussion of public health career opportunities. Both Personal and Public health courses challenge the student to understand the importance of making informed, proactive choices that will directly impact one's own health as well as that of society.

Nutrition is the scientific study of food and how it nourishes the body. Coursework in nutrition explores both the art and science of food, from digestion and metabolism to healthy meal patterns throughout the lifespan. The curriculum also covers the influence of culture on dietary practices, the principles of food preparation, diet strategies for optimal sport and athletic performance, and career options within the nutrition and dietetics profession.

In addition, our department offers nutrition courses for students planning transfer to local colleges with four-year didactic programs in dietetics (DPD). These programs prepare students to become Registered Dietitian Nutritionists (RDNs). *Note that beginning in 2024, a minimum of a graduate degree will be required to sit for the registration exam to become an RDN.*

The Exercise Science, Nutrition and Health Department offers courses to meet the General Education, Associate of Art, and Associate of Arts Transfer degrees. In addition, these courses create a solid foundation for a baccalaureate major in Kinesiology, Health Education, Nutrition, or related fields.

Geography

Faculty:
Cliffe, Curran, Goodman, Therkalsen

Geography courses are designed to help the general student understand the physical and cultural world. As a field of knowledge dealing with spatial relations and processes on the earth's surface, the study of geography leads to an understanding of human distribution over the earth, of the various uses to which we have put different parts of it, of cultures and economies created, and of the spatial interrelations which exist between, and have influenced, these patterns. Thus, geography has a fundamental place in the equipment of an educated person.

The discipline of geography has been traditionally divided into two main categories, the physical elements and the cultural elements. Physical Geography deals with landforms, soil, earth-sun relationships, weather, climate, natural vegetation and natural resources. Cultural Geography deals with populations, languages, religions, race, economics, settlement types and regions. Specialized courses from the physical and cultural elements are also offered.

Geology

Faculty:
Cliffe, Teachout

The geology program offers basic instruction in geology and related subsciences (geophysics, physical and historical geology technology). Students are urged to search for rational explanations of physical processes, to realize interdisciplinary approaches involved, to develop means of exploring, understanding, appreciating, enjoying and protecting their environment.

Coursework is designed to provide a liberal as well as a practical education for both majors and nonmajors, to show what geology is and what geologists do, and to impart a degree of skill and ability for understanding current technology.

Laboratory methods and observations in the field augment formal classroom work to enable the student to participate in direct observation, exploration and understanding of geological investigations and techniques.

Mathematics

Faculty:
Capacia, Davis, Funk, Giles, Greenheck, Lee, Lines, Manchester, Millan, Munoz, Palacios, Rawlings, Sundblad, Vanden Eynden, Waller, Working

The Mathematics course offerings have been greatly revamped to capture the spirit of Assembly Bill 705. We now have accelerated pathways for students to complete transfer level math courses within one year of starting school, each one with an accompanying support course if needed or desired. Five transfer-level or "parent" courses exist for four separate pathways: MATH-120 Quantitative Reasoning, STAT-C1000 Introduction to Statistics, MATH-178 Calculus for Business, Social and Behavioral Sciences and MATH-175 College Algebra-STEM or MATH-176 Precalculus: Functions and Graphs-STEM. (The STEM pathway also includes MATH-180 Analytic Geometry and Calculus I and MATH-280 Analytic Geometry and Calculus II along with various second

year Math courses for those majoring in Math, Physics, Engineering etc.) The support courses that are paired or linked with the parent course are MATH-020 Foundations for Quantitative Reasoning, STAT-010 Foundations for Introduction to Statistics, MATH-078 Foundations for Calculus for Business, Social, & Behavorial Sciences, MATH-075 Foundations for College Algebra and MATH-076 Foundations for Precalculus. These support courses give prerequisite math and study skills that pertain to the parent course. Finally, for those interested in Elementary School Education, we offer three courses, MATH-125 Structure and Concepts of Elementary Mathematics I, MATH-126 Structure and Concepts of Elementary Mathematics II, and MATH-128 Children's Mathematical Thinking.

Oceanography

Faculty:
Teachout

The faculty of oceanography endeavors to provide a basic course in the principles of physical oceanography that integrates aspects of physics, chemistry, meteorology and geology as they relate to the marine environment. OCEA-112 Introduction to Oceanography is an interdisciplinary course that focuses upon the history and development of oceanography, and the present and future importance of the oceans. OCEA-112 Introduction to Oceanography may be counted towards fulfilling the Area B, Section 2, General Education requirements for graduation from the college.

Science

Science is an interdisciplinary program that fulfills both physical science and critical thinking requirements. The principal course is Introduction to Scientific Thought. This is a course on the methodology, history and philosophy of science. It emphasizes what scientists do and how they think by drawing on the history of physical and biological sciences. The concepts of scientific revolutions, scientific skepticism, experimental design, the ethical implications of scientific discovery, and the impact of the scientific enterprise on the world are covered. Nonscientific and pseudoscientific claims are investigated, with an eye toward critical thinking. The relationship between science and religion is discussed.

Faculty, Administration and Classified Personnel

Full-Time Faculty

A

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M.A., University of London, Goldsmiths
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B.A., Chicago State University
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Campus Map



Printable Campus Map Directions

From Interstate 8

From Interstate 8, East or West, take Highway 125 North to the Grossmont College Drive exit. Turn right at the first stop light (Grossmont College Drive). Go across the bridge to the second traffic signal. Go straight onto the Grossmont College perimeter road.

From Highway 94

From Highway 94 East, take Highway 125 North to the Grossmont College Drive exit. Turn right at the first stop light (Grossmont College Drive). Go across the bridge to the second traffic signal. Go straight onto the Grossmont College perimeter road.

From Highway 52

From Highway 52 East, take Highway 125 South to the Grossmont College Drive exit. Turn right at the first stop light (Grossmont College Drive). Go straight onto the Grossmont College perimeter road.

Addendum

Grossmont College has made every reasonable effort to ensure that the information provided in this general Catalog is accurate and current. However, there may be instances when the College must make additions, revisions, or deletions, and it will implement the changes as necessary due to changes in governmental regulations, external approvals, District policies and procedures, college processes, and/or curriculum. The College will make every reasonable effort to adhere to this Catalog or to inform students of significant changes that occur after publication of this document. Any addenda posted on the catalog website will officially supersede the information originally published.

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