

## Grossmont College Mathematics AS-T Preparation for the Major

### Mathematics - B.S. DEGREE

To receive admission preference to CSU's students can complete the AS-T in Mathematics. It is also important that students incorporate as much of the lower division course work found on the [www.ASSIST.org](http://www.ASSIST.org) articulation agreement as possible. In addition to degree requirements, students must complete CSU GE Certification or IGETC. It is important to meet with a Counselor for additional assistance.

\* Students completing IGETC may be awarded the degree, but they must complete a course from Area 1C: Oral Communication to meet CSU admission requirements.

All courses in the major must be **completed with a grade of "C" or higher or "Pass"**. A "P" (Pass) grade is acceptable for courses in the major for *Associate Degrees for Transfer*.

Grossmont Subject & Number	Title	Units
<b>Required CORE:</b>		
Mathematics 180	Analytic Geometry and Calculus I	5
Mathematics 280	Analytic Geometry and Calculus II	4
Mathematics 281	Multivariable Calculus	4

Select **6** units from the Lists below with at least 3 units from List A.

#### **LIST A:**

Select **ONE** on of the following:

Mathematics 284	Linear Algebra	3
Mathematics 285	Differential Equations	3

#### **LIST B:**

Select from the following:

Mathematics 160	Elementary Statistics	4
Mathematics 245	Discrete Math	3
Physics 201	Mechanics and Waves	5
CSIS 293	Introduction to Java Programming	4
CSIS 296	Introduction to C++ Programming	4
<b>Total Units:</b>		19-21

For additional information specific to SDSU see the following SDSU web site:  
<http://arweb.sdsu.edu/es/admissions/transfers/associate-transfer.html>

*SDSU accepts AS-T degrees in Mathematics in the Science Emphasis only. This major will not include a language requirement at SDSU. Check with a Counselor for applicability to other CSU's. The Mathematics AS-T requires a minimum 2.0 Cumulative G.P.A.*

***Students applying with the AS-T in Mathematics will receive priority in the admissions process but are not guaranteed admittance into the CSU of their choice.***

***Admission is highly competitive for most CSU's. Students are strongly advised to go above and beyond minimum G.P.A requirements and apply for admission at multiple campuses.***

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Every effort has been made to ensure this information is accurate. However, the official documents are the current Grossmont College Catalog and San Diego State Catalog.

Grossmont College Articulation: [www.grossmont.edu/articulation](http://www.grossmont.edu/articulation)