GROSSMONT COLLEGE

COURSE OUTLINE OF RECORD

 Curriculum Committee Approval: 11/30/2021

 GCCCD Governing Board Approval: 12/14/2021

MEDIA COMMUNICATIONS 216C – AUDIO MULTI-TRACK PRODUCTION 3

 1. Course Number Course Title Semester Units

 MCOM 216C Audio Multi-track Production 3 3

Semester Hours
2 hours lecture 32-36 hours 3 hours lab 48-54 hours 64-72 outside-of-class hours

 144-162 total hours

 2. Course Prerequisites

 A “C” grade or higher or “Pass” in MCOM 216B or equivalent.

 Corequisite

 None

 Recommended Preparation

 None

 3. Catalog Description

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.

 4. Course Objectives

1. Synthesize, identify, and describe multi-track audio terms and jargon.
2. Demonstrate knowledge of the basic theory of multi-track music production, and the function of synchronized digital multi-track recording equipment.
3. Examine and demonstrate knowledge and capability with multi-track recording studio pre-production, production, and post-production skills.
4. Analyze, plan, prepare, and ~~a~~ professional quality recording by using industry-standard microphone selection techniques and proper equalization of all microphones.
5. Compare and contrast different production standards used in radio, television, film, and music recording industries and evaluate their common and distinctive elements.
6. Lead, manage, and engineer a full audio multi-track production.
7. Construct and produce digital audio multi-track portfolios for transfer and the job market.

 5. Instructional Facilities

 a. Standard classroom.

 b. Multi-track recording studio.

 c. Main audio control room.

6. Special Materials Required of Student

 High-capacity portable hard drive.

7. Course Content

1. Identification and operation of audio recording studio equipment.
2. Advanced understanding in pre-production, production, and post-production in digital audio multi-track application.
3. Recording and creating audio content for other campus departments.
4. Audio interface operations and microphone(s) use.
5. Professional software practices and techniques.
6. Integration of audio into digital project means.
7. Signal processing and distribution for audio recordings.
8. Mastering techniques such as editing and mixing during post-production.
9. Student demonstration of recording, editing, mixing, and mastering multi-track audio.

8. Method of Instruction

 a. Classroom lecture and discussion.

 b. Audio laboratory demonstration and experience.

 c. Individual instruction.

9. Methods of Evaluating Student Performance

1. Practical demonstrations and individual projects, such as preproduction, production, and post-production processes recording audio performances.
2. Written midterm exam and comprehensive practical final exam.
3. Practical application of respect and knowledge of equipment through interaction with the instructor and class peers.

10. Outside Class Assignments

1. Production assignments requiring additional scheduled studio time.
2. Attendance of outside department concert or performance, including setting up and tearing down recording equipment and recording live broadcast for future editing assignments.
3. Weekly reading assignments from the text.

11. Representative Texts

 a. Representative Texts:

 Weekhout, Hans. *Music Production: Learn How to Record, Mix and Master Music* (3rd ed). Routledge, 2019.

 b. Supplementary texts and workbooks:

Owsinski, Bobby. *The Recording Engineer's Handbook* (4th ed). Bobby Owsinski Media Group, 2017.

Addendum: Student Learning Outcomes

 Upon completion of this course, our students will be able to do the following:

1. Recognize, analyze and troubleshoot technological problems involving the audio production processes.
2. Synthesize, describe and relate the digital production and post-production processes.
3. Employ all facets of the digital audio production process to Enhance, modify, add or delete content to a multi-track audio recording.
4. Describe and demonstrate the method required to create a variety of audio files for storage and presentation.
5. Prepare a recorded portfolio that demonstrates progression of student work in audio multi-track production.