

College of San Mateo
Official Course Outline

1. **COURSE ID:** DGME 150 **TITLE:** Advanced Audio: Radio Production
Semester Units/Hours: 3.0 units; a minimum of 32.0 lecture hours/semester; a minimum of 48.0 lab hours/semester
Method of Grading: Grade Option (Letter Grade or P/NP)
Recommended Preparation:
 DGME 118,

2. **COURSE DESIGNATION:**
Degree Credit
Transfer credit: CSU

3. **COURSE DESCRIPTIONS:**
Catalog Description:
 Students will learn radio station operations hands-on as they practice technical skills and produce broadcast quality programming for CSM's student-run Internet radio station. Students will serve as station management, staff, and producers. They will apply the best audio practices used in radio, TV, and web. Lab assignments build upon the recording, editing, and mixing skills learned in DGME 118 Digital Audio.

4. **STUDENT LEARNING OUTCOME(S) (SLO'S):**
 Upon successful completion of this course, a student will meet the following outcomes:
 1. Demonstrate proper use of professional audio recording, editing, and mixing hardware and software
 2. Explain programming and formatting decisions applicable to radio
 3. Demonstrate how to produce and prepare a program for radio broadcast
 4. Demonstrate professional responsibility and teamwork in the operation of CSM's Web radio station

5. **SPECIFIC INSTRUCTIONAL OBJECTIVES:**
 Upon successful completion of this course, a student will be able to:
 1. Demonstrate proper use of professional audio recording, editing, and mixing hardware and software
 2. Explain programming and formatting decisions applicable to radio
 3. Demonstrate how to produce and prepare a program for radio broadcast
 4. Demonstrate professional responsibility and teamwork in the operation of CSM's Web radio station

6. **COURSE CONTENT:**
Lecture Content:
 - Review (SLO 1)
 - Audio in digital media
 - Equipment - mics, mixers, recorders
 - Analog to Digital
 - Recording methods
 - Formats and compression
 - Qualities of broadcast audio
 - Audio for web distribution
 - Radio station operations (SLO 2, 4)
 - Radio station organization: students serve in station staff positions for CSM internet radio station
 - Choosing a format; audience research
 - Programming a format
 - Board operations and program creation
 - Maintaining a web station, audience metrics
 - Radio station sales and promotion
 - News, Sports, and Speciality Shows
 - Audio Recording (SLO 1)
 - Field and studio recording to create original programming
 - Use equipment in the audio lab to create programming blocks
 - Audio control: compressors, limiters, expanders, filters
 - Audio Editing & Mixing (SLO 3)
 - Audio editing systems & software

- Editing interviews, music, messages
- Multi track mixing
- Prepare audio programs for webcast
- Mastering in Pro Tools

Lab Content:

Students in this course are responsible for programming CSM's Internet radio station. They will serve in all staff positions that a typical radio station would have. They will produce blocks of programming.

7. REPRESENTATIVE METHODS OF INSTRUCTION:

Typical methods of instruction may include:

1. Lecture
2. Lab
3. Activity
4. Critique
5. Other (Specify): 1. Lecture introduces new material to the students. Lecture is weighted towards the beginning of the class, with concentration on lab effort towards the end. A portion of the lecture time is done in a standard classroom. This allows the instructor to discuss common audio production methods and answer questions. 2. Demonstrations: The second half of lecture is demonstration of broadcast audio equipment and production techniques paired with lab assignments 3. Readings reinforce new information 4. Lab sessions: students in this course are responsible for programming CSM's Internet radio station. They will serve in all staff positions that a typical radio station would have, such as Music Director, Production Director, DJs, and Promotions Director. Students can also be News Director and Sports Director, overseeing other reporters. The majority of programming will be preproduced, but we have the capability of live streaming of campus events

8. REPRESENTATIVE ASSIGNMENTS

Representative assignments in this course may include, but are not limited to the following:

Writing Assignments:

Students will write evaluations of professional audio productions and write critiques of classmates work and complete a self-evaluation of their own performance.

Reading Assignments:

Readings are given as handouts or provided as links to online readings.

9. REPRESENTATIVE METHODS OF EVALUATION

Representative methods of evaluation may include:

1. Class Participation
2. Class Performance
3. Class Work
4. Exams/Tests
5. Lab Activities
6. 1. Quizzes on key concepts in radio production and programming 2. Evaluation of production work to assess quality or recording and editing 3. Practical testing of audio equipment operations and ability to upload produced programming to station server 4. Testing through production of audio projects and radio programming 5. Participation in class discussions, small group projects, and demonstrating professional conduct in the operation of the campus radio station

10. REPRESENTATIVE TEXT(S):

Possible textbooks include:

1. Hausman, Messere, O'Donnell, Benoit. *Modern Radio Production: Production Programming & Performance*, 9th ed. Wadsworth Publishing, 2012

Other:

1. No printed text will be required. A free, online text has been adopted: <http://www.mediacollege.com/audio/>
2. MediaCollege.com is a free educational website containing tutorials, reference and other resource material in all areas of electronic media production.
3. MediaCollege.com Terms and Conditions: <http://www.mediacollege.com/home/terms.html>

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