

College of San Mateo Course Outline

- New Course
- Update/No change
- Course Revision (Minor)
- Course Revision (Major)

Date: October 1, 2010

Department: Digital Media

Number: 150

Course Title: Advanced Audio: Radio Production

Units: 3

Total Semester Hours: Lecture: 32

Lab: 48

Homework: 64

By Arrangement: 0

Length of Course

- Semester-long
- Short course (Number of weeks_____)
- Open entry/Open exit

Grading

- Letter
- Pass/No Pass
- Grade Option (letter or Pass/No Pass)

Faculty Load Credit (To be completed by Division Office; show calculations): FLC 4.1

$$(32 \div 16) + (48 \div 16 \times .7) = 4.1$$

1. **Prerequisite** (Attach Enrollment Limitation Validation Form.)

DGME 118 Digital Audio or the equivalent

2. **Corequisite** (Attach Enrollment Limitation Validation Form.)

None

3. **Recommended Preparation** (Attach Enrollment Validation Form.)

Eligibility for ENGL 838 or ENGL 848 or equivalent.

4. **Catalog Description** (Include prerequisites/corequisites/recommended preparation.)

DGME 150 Advanced Audio: Radio Production (3) (*Pass/No Pass or letter grade option*)
Minimum of 32 lecture hours and 48 lab hours per term. Prerequisite: DGME 118.
Recommended Preparation: Eligibility for ENGL 838/848 or equivalent. 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. May be taken three times for a maximum of 9 units. (AA, CSU)

5. **Class Schedule Description** (Include prerequisites/corequisites/recommended preparation.)

DGME 150 Advanced Audio: Radio Production(3) 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.

Prerequisite: DGME 118. Recommended Preparation: Eligibility for ENGL 838/848 or equivalent. (Pass/No Pass or letter grade option) (AA, CSU)

6. Student Learning Outcomes (Identify 1-6 expected learner outcomes using active verbs.)

Upon successful completion of the course, the 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

Note: This course includes a radio lab in which students operate the CSM Internet radio station, where SLOs will be assessed

7. Course Objectives (Identify specific teaching objectives detailing course content and activities. *For some courses, the course objectives will be the same as the student learning outcomes. If this is the case, please simply indicate this in this section).*

Same as SLOs above.

8. Course Content (Brief but complete topical outline of the course that includes major subject areas [1-2 pages]. Should reflect all course objectives listed above. In addition, you may attach a sample course syllabus with a timeline.)

Attached

9. Representative Instructional Methods (Describe instructor-initiated teaching strategies that will assist students in meeting course objectives. Include examples of out-of-class assignments, required reading and writing assignments, and methods for teaching critical thinking skills.) **If hours by arrangement are required by this course, indicate the additional instructional activity which will be provided during this time, where the activity will take place, and how the activity will be supervised.**

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 pre-produced, but we have the capability of live streaming of campus events

10. Representative Methods of Evaluation (Describe measurement of student progress toward course objectives. Courses with required writing component and/or problem-solving emphasis must reflect critical thinking component. If skills class, then applied skills.)

1. Quizzes on key concepts in radio production and programming

2. Evaluation of production work to assess quality of 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

11. Representative Text Materials (With few exceptions, texts need to be current. Include publication dates.)

No printed text will be required. A free, online text has been adopted:
<http://www.mediacollege.com/audio/>

MediaCollege.com is a free educational website containing tutorials, reference and other resource material in all areas of electronic media production.

MediaCollege.com Terms and Conditions: <http://www.mediacollege.com/home/terms.html>

Prepared by: _____

(Signature)

Email address: _____

Submission Date: _____

COURSE CONTENT OUTLINE

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