

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: 112

Course Title: TV Studio 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.)

None

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**

112 TV Studio Production (3) (Pass/No Pass or letter grade option) Minimum of 32 lecture hours and 48 lab hours per term. Recommended Preparation: eligibility for ENGL 838/848 or equivalent. This is a hands-on TV studio production course. Students work together in a team as they are trained to operate a fully equipped professional digital TV studio and control room. Students receive rigorous broadcast training in camera operation, microphone set-up and audio engineering, lighting, floor directing, video switching, directing, and teleprompter operation. (AA, CSU)

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

112 TV Studio Production (3) Don't just watch TV, make it! Learn how in this hands-on TV studio production course. Students work together in a team as they are trained to operate a fully equipped professional digital TV studio and control room. Students receive rigorous broadcast training in camera operation, microphone set-up and audio engineering, lighting, floor directing, video switching, directing, and teleprompter operation. 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. Apply proper camera framing for TV studio interviews.
2. Interpret a studio lighting plot and set lights in accordance with it.
3. Operate a studio camera and perform basic moves such as pan, tilt, zoom, truck and dolly.
4. Demonstrate basic microphone set-up and audio board operation.
5. Demonstrate operation of a video production switcher to perform transitions and keys.

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

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.**

1. **Lectures:** The instructor provides oral presentation enhanced with video examples, to introduce new material and concepts to the students. One half of the lecture time is done in a standard classroom. This allows the instructor to discuss the overarching television production methods.
2. **Demonstration:** The second half of lecture is done in the television studio and is to demonstrate the appropriate use of professional TV studio technologies and discuss each piece of equipment, and each crew position, as a part of a larger system.
3. **Guided critiques:** the students will watch and evaluate TV productions as the instructor guides them with questions
4. **Readings** will reinforce lecture information and answer questions from the required reading.
5. **Productions:** students will apply their learning by working collaboratively on studio-based TV shows

Lab time will be completed in DGME studio, where students will apply their learning by demonstrating how each piece of equipment works and serving in all crew positions.

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 TV studio production
2. Essays on production-related topics
3. Written evaluations/critiques of class productions
4. Oral presentation and participation in class discussions that demonstrate understanding of lessons
5. Hands-on testing includes camera operation, audio recording and engineering, and 3-point lighting

6. Instructor evaluation of skills through in-studio projects and crew position assignments, so a student might not perform well as director, but they might excel at audio engineering.

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. It has been continually updated since it began in 1996.

Television Production: A Free, Interactive Course in Studio and Field Production
by Ron Whittaker, Ph.D., ©1996-2009.

Online Textbook: http://www.cybercollege.com/tvp_ind.htm

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Prepared by:

(Signature)

Email address:

Submission Date: _____

Outline of Course Content

Intro to Television Production

- Overview of the television studio
- The team approach
- Four stages of production

TV Studio Camera and Equipment (SLO 3)

- Characteristics of the television camera and its system
- Camera mounting systems
- Camera Lenses

Camera Operations (SLO 1 & 3)

- Commands
- Working the camera
- Building the television space
- Framing the shot
- Camera composition

Television Lighting- Equipment and Operations (SLO 2)

- Objectives of TV studio lighting
- Studio lighting instruments
- Three point lighting
- Special effects lighting
- Planning the lighting
- Common lighting situations, problems and tricks

Television Audio (SLO 4)

- The nature of sound
- Types of microphones
- Microphones pickup patterns and frequency response
- Microphone placements
- Audio Control Console
- Audio Equipment used in television

The video production switcher and special effects (SLO 5)

- Signal Flow within the switcher
- Down stream keyer
- Mix effects buses
- Use of digital effects