

Las Positas College  
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## Course Outline for MSCM 33A

### INTRODUCTION TO TELEVISION STUDIO OPERATIONS

Effective: Fall 2018

#### I. CATALOG DESCRIPTION:

MSCM 33A — INTRODUCTION TO TELEVISION STUDIO OPERATIONS — 3.00 units

Introduction to the theory, terminology, and operations within a television studio and control room. This introduction includes television directing, the operation of television audio equipment, TV cameras, and television switcher, fundamentals of TV lighting, graphics, video control, and video tape recording for TV and documentaries.

2.00 Units Lecture 1.00 Units Lab

#### Grading Methods:

Letter or P/NP

#### Discipline:

- Broadcast Technology

|                       | <b>MIN</b> |
|-----------------------|------------|
| <b>Lecture Hours:</b> | 36.00      |
| <b>Lab Hours:</b>     | 54.00      |
| <b>Total Hours:</b>   | 90.00      |

#### II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

#### III. PREREQUISITE AND/OR ADVISORY SKILLS:

#### IV. MEASURABLE OBJECTIVES:

**Upon completion of this course, the student should be able to:**

- Discuss the components of a television system and the operation of a television production and broadcast studio
- Operate all types of standard television studio and control room equipment, including recording and play back of both audio and video devices
- Exercise safe and appropriate handling, maintaining, and storing of all types of studio equipment
- Identify and discuss who does what under a specific job title in a television studio production, including the management and operation hierarchy;
- Discuss educational telecommunications as related to cable and closed-circuit transmission

#### V. CONTENT:

- TV studio production including job assignments in all phases of television production based upon the student's interest and abilities
- Hands-on work with equipment, techniques, and systems
  - Portable and studio television cameras
  - Video and audio switching
  - Special effects
  - Video tape recorders
  - Video recording and dubbing
  - Basic graphics
  - Lighting techniques
  - Teleprompter
  - Basic cable and broadcast systems
  - Cameras, field and studio
  - Set design and scenery
  - Scriptwriting and story/boarding
  - News writing
  - Producing
  - Directing
  - Field video taping
  - Editing systems
    - Linear
    - Non-linear
- Handling, maintaining, and storing studio equipment
- Jobs in television and the operation hierarchy
- Television studio operational procedures, including educational closed-circuit programming and transmission

#### VI. METHODS OF INSTRUCTION:

- A. **Demonstration** - In-class demonstration of processes and equipment
- B. **Lecture** -
- C. **Audio-visual Activity** - Videos of the ever-changing information of production technologies
- D. **Projects** - TV lab productions
- E. **Discussion** -

VII. TYPICAL ASSIGNMENTS:

- A. Write a paper on the proper care of a TV camera, production equipment, and studio rules and procedures
- B. Perform specific production personnel positions as detailed by the instructor
- C. Draw a three-point, triangle TV studio lighting diagram
- D. Create chyron graphics for a TV production
- E. Identify all studio equipment by proper names and model numbers
- F. Produce a five-minute television spot

VIII. EVALUATION:

A. **Methods**

- 1. Exams/Tests
- 2. Projects
- 3. Lab Activities
- 4. Final Performance

B. **Frequency**

- 1. Exams/Tests: Minimum of two examinations
- 2. Projects: Participation in a minimum of two productions
- 3. Lab Activities: Weekly
- 4. Final Performance: End of semester

IX. TYPICAL TEXTS:

- 1. Shook, Fred, John Larson, and John DeTarsio. *Television Field Production and Reporting: A Guide to Visual Storytelling*. 7th ed., Routledge, 2017.
- 2. Zettle, Herbert. *TV Production Handbook*. 12th ed., Cengage Learning, 2015.
- 3. Owens, Jim. *Television Production*. 16 ed., Focal Press, 2016.

X. OTHER MATERIALS REQUIRED OF STUDENTS: