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**Course Outline for MSCM 33A**  
**INTRO TO TV STUDIO OPERATIONS**  
**Effective: Fall 2006**

**I. CATALOG DESCRIPTION:**

MSCM 33A — INTRO TO TV 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:**

	<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:**

- A. demonstrate understanding of the components of a television system and the operation of a television production and broadcast studio;
- B. operate all types of standard television studio and control room equipment, including recording and play back of both audio and video devices;
- C. exercise safe and appropriate handling, maintaining, and storing of all types of studio equipment;
- D. identify who does what under a specific job title in a television studio production, including the management and operation hierarchy;
- E. demonstrate understanding of educational telecommunications as related to cable and closed-circuit transmission.;

**V. CONTENT:**

- A. Television studio operational procedures, educational closed-circuit programming and transmission
- B. Hands-on work with portable and studio television cameras, video and audio switching, special effects, separate formats of video tape recorders, basic Chiron graphics, lighting techniques, teleprompter
  - 1. Basic cable and broadcast systems
  - 2. Cameras/studio operation
  - 3. Lighting
  - 4. Cameras: Field
  - 5. Audio
  - 6. Videotape recording and dubbing
  - 7. Special effects generator
  - 8. Graphics
  - 9. Set design and scenery
  - 10. Scriptwriting and story/boarding
  - 11. News writing
  - 12. Producing
  - 13. Directing
  - 14. Field video taping
  - 15. Editing systems: linear and non-linear
- C. TV studio production including job assignments in all phases of television production based upon the student's interest and abilities
  - 1. Career Preparation

**VI. METHODS OF INSTRUCTION:**

- A. **Lecture** -
- B. **Demonstration** -
- C. TV lab productions
- D. Video tapes of the ever-changing information of production technologies
- 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 1. Example: a. Basic camera operation C. Draw a three-point, triangle TV studio lighting diagram D. Create Chiron graphics for a TV production E. Identify all studio equipment by their proper names and model numbers F. Produce a five-minute television spot

VIII. EVALUATION:

A. **Methods**

B. **Frequency**

1. Minimum of two examinations
2. Participation in a minimum of two productions

IX. TYPICAL TEXTS:

1. Millerson, Gerald *Effective TV Production (Media Manuals)*., Focal-Elsevier Science, 2002.
2. Shook, Fred *Television Production and Reporting*. 4th ed., Peason-Allyn and Bacon, 2005.
3. Zettl, Herbert *TV Production Handbook*. 4th ed., Wadsworth Publishing, 2000.

X. OTHER MATERIALS REQUIRED OF STUDENTS: