This course introduces theory, terminology and operation of a multi-camera television studio and control room. Topics include studio signal flow, directing, theory and operation of camera and audio equipment, switcher operation, fundamentals of lighting, graphics, video control and video recording and real-time video production.

**CATALOG DESCRIPTION:**

produce professional digital video recordings.
COURSE LEVEL STUDENT LEARNING OUTCOME(S) Supported by this course:

1. demonstrate a hands-on ability to perform appropriate critical thinking needed for successful teamwork in television, film or other media employment
2. analyze interpret, and exercise critical judgment in the evaluation of media productions
3. conceive and execute standard pre-production skills including planning, scripting, budgeting, and crew and equipment selection
4. utilize basic video production equipment correctly, safely and creatively, including cameras, lights and audio, and control room equipment such as audio mixers, switchers, video recording, character generation and teleprompter
5. describe essential post production equipment for audio and video editing

COURSE OBJECTIVES:

1. conceive and execute standard pre-production skills including planning, scripting, budgeting, and crew and equipment selection
2. utilize basic video production equipment correctly, safely and creatively, including cameras, lights and audio, and control room equipment such as audio mixers, switchers, video recording, character generation and teleprompter
3. describe essential post production equipment for audio and video editing
4. analyze interpret, and exercise critical judgment in the evaluation of media productions
5. demonstrate a hands-on ability to perform appropriate critical thinking needed for successful teamwork in television, film or other media employment

COURSE CONTENT:

LECTURE CONTENT:

This course contains both theory and process and includes the following topics:

A. Overview of the process of pre-production, production and post-production
   1. introduction to TV Studio operations including camera and audio operation,
   2. fundamentals of lighting, and sets
B. Introduction to control room operations
   1. including lighting boards,
   2. audio mixers,
   3. theory and operation of a switcher,
   4. video and audio recording and playback
   5. broadcast graphics
C. Crew positions
   1. Above the Line
      a. Directing
      b. Producing
D. Introduction to uses of video and editing in a studio environment
   1. Studio Production techniques
   2. Multi-Camera remote productions
   3. Multi-cam production
   4. Live streaming production
LABORATORY CONTENT:

Lab will consist of

- short video projects incorporating course content of theory, concepts, and legal considerations while working with a production team involving camera operation, lighting, sound, directing, and recording.
- participate in group and individual project work
- implement and create a full studio and control room crew production of sufficient quality for public evaluation and distribution

METHODS OF INSTRUCTION:

A. Lecture:
B. Lab:
C. Online:
D. Field Experience:

INSTRUCTIONAL TECHNIQUES:

Instructional techniques that instructors of this class generally expected to use include

- Lectures
- Demonstrations
- Workplace based lab experiences

COURSE ASSIGNMENTS:

Reading Assignments

Text
Websites
Handouts

Out-of-class Assignments

- attend taping of a television sitcom or game show

Writing Assignments

The successful student will plan and construct a storyboard, lighting plot and script for a short video project.

METHODS OF STUDENT EVALUATION:

Midterm Exam
Final Exam
Short Quizzes
Written Assignments
Essay Examinations
Objective Examinations
Report
Projects (ind/group)
Problem Solving Exercises
Oral Presentations
Skills Demonstration
Demonstration of Critical Thinking:

- Prepare written critiques of production techniques used for assigned films and television programs.
- Research and write a paper that examines a contemporary television/video director.
- Compare and contrast the directing style for a contemporary television/video director.

Required Writing, Problem Solving, Skills Demonstration:

- The successful student will plan and construct a storyboard, lighting plot and script for a short video project.
- The successful student will write a five-page reaction paper which discusses and critiques his/her role as a crew member in a studio or remote multi-camera video production.

TEXTS, READINGS, AND RESOURCES:

TextBooks:

LIBRARY:

Adequate library resources include: Print Materials
Non-Print Materials
Online Materials
Services

Comments:

The LRC has adequate resources and materials to support the course.

Attachments:

[Attached Files]