

FILM 141 - Introduction to Audio Production Course Outline

Approval Date: 03/12/2020

Effective Date: 08/16/2021

SECTION A

Unique ID Number CCC000615974

Discipline(s) Film Studies

Music

Theater Arts

Division Arts and Humanities

Subject Area Film Studies

Subject Code FILM

Course Number 141

Course Title Introduction to Audio Production

TOP Code/SAM Code 0612.00 - Film Studies (including combined film/video) /
E - Non-Occupational

Distance Education Mode of Instruction On-Campus

SECTION B

General Education Information:

CSU Transferable:

CSU Transferable

Approved on:Fall 2020

SECTION C

Course Description

Repeatability May be repeated 0 times

Catalog Description This course serves as an introduction to the theory and practice of audio production for radio, television, film and digital recording applications. Students will learn the fundamentals of sound design and aesthetics, microphone use, and digital recording equipment. Students gain hands on experience recording, editing, mixing and mastering audio. Upon completion, students will have basic knowledge of applied audio concepts, production workflow, equipment functions, and audio editing software.

Schedul25

- G. Demonstrate appropriate workplace behavior in a studio setting.
- H. Evaluate and conduct both destructive and nondestructive waveform editing procedures.
- I. Understand audio processes for voice recording, multimedia production, sound design.
- J. Perform complex audio production techniques.
- K. Demonstrate refined techniques for audio production using Pro Tools or other appropriate audio software.
- L. Understand audio used in studio and on-

Formats

Mono

Stereo

Surround

Types

Nearfield

Farfield

Headphones

F. **Digital Audio**

Sampling

Quantization

Record and playback

Levels

Recording systems

Audio Workstations

Desktops, laptops

Interconnection

Sound files and formats

DAW (Digital Audio Workstation) software

Backup and documentation

Tools and techniques

Time modifications

Pitch modifications

Editing

G. **Multimedia and the Web**

- Compounding
- Noise gates
- Surround Sound
- Past and present
- Home theatre
- Formats

K. **Product Manufacture and Distribution**

- CDs (Compact Disc)
- Replication or reproduction
- DVD (Digital Versatile Disc)
- Vinyl pressing

L.

4. Methods of Instruction:

Directed Study: Selected clips of multiple audio forms (sound effects, music, speech) used to support lecture topics.

Discussion: In-class discussion of audio theory and audio equipment use.

Lecture: Presentation of topics via spoken lectures combined with equipment demonstrations.

Observation and Demonstration: Audio demos and projects to be completed throughout the semester.

5. Methods of Evaluation: Describe the general types of evaluations for this course and provide at least two, specific examples.

Typical classroom assessment techniques

Quizzes -- Scheduled quizzes and final exam including essay questions that will show appropriate theoretical background and critical thinking about basic single-camera video production.

Research Projects -- Individual projects of increasing difficulty and scope resulting in a final project that will demonstrate appropriate practical knowledge.

Projects -- Set-up, record, and edit a voice-over announcement for a commercial product.

Group Projects -- Set-up, record, and edit a short field piece of audio on campus.

Class Work -- Create an audio collage using the three types of sound (speech, music, sound effects).

Letter Grade or P/NP

6. Assignments: State the general types of assignments for this course under the following categories and provide at least two specific examples for each section.

A. Reading Assignments

A. Reading Assignments

Selected readings from textbook, course reader, library resources, and in-class

A. Read article about acoustics and summarize findings.

B. Watch the film *Star Wars* and note the use of sound editing and summarize findings.

C. Other Assignments

Other Assignments Research paper or other writing project that develop a related topic.

Students are to select a paper topic covering a critical analysis and evaluation of the artistic elements of the Hollywood Silent Film covered in the course this semester. This paper is designed as a research project and students are expected to go beyond the level of informatio