REC 107: INTRODUCTION TO AUDIO FOR VIDEO

Citrus College Course Outline of Record

Heading	Value
Effective Term:	Fall 2021
Credits:	3
Total Contact Hours:	90
Lecture Hours :	36
Lab Hours:	54
Hours Arranged:	0
Outside of Class Hours:	72
Transferable to CSU:	Yes
Transferable to UC:	No
Grading Method:	Standard Letter

Catalog Course Description

Introduction to audio production for TV and film, the theory and practice of location recording, post-production editing, sound design, and mixing with audio recording equipment and software. 36 lecture hours, 54 lab hours.

Course Objectives

- Analyze audio component interconnections and select the proper cables and connectors to complete them.
- Operate the audio components necessary for a simple recording session - including the microphone, mixer and recorder
- Collection and analysis of audio files for project, dialog, music and sound effects
- Record dialog, sound effects and music for a short sound design assignment
- Proper file-management of audio and video files, sound effects and documentation.

Major Course Content

History and developments of audio in film and TV.

Sound and hearing, acoustics and psycho-acoustics terminology

The audio signal path, from transducers to recorders

Microphone basics - anatomy, design and application

Digital/software-based recording systems - principles and operation

Location sound theory, equipment and application.

Basic signal processing techniques

Post-production recording techniques: Dialog, Foley, sound repair, creating   sound effects and ambient sound, production mixing.

Audio post-production software workflow for editing to video timeline, importing and exporting files, file management, file conversions

Audio post-production mixing techniques to enhance dialog placement, sound effect, background sounds and music to enhance sonics and aesthetics in the final mix.

Lab Content

Recording various dialog, narration, sound effects and foley, location recording.

Transferring recordings to computer, files management, inventory.

Basic audio projects such as radio ad or radio drama with appropriate music, dialog and sound effects.

Software based editing techniques, mixing techniques for video and post-production

Intro to multi-track recording and editing

Audio for video projects such as replacing sound to commercials or short TV/film clips to understand the principles of audio for video post-production.

Suggested Reading Other Than Required Textbook

Audio journals and magazines. Examples of Required Writing Assignments Multiple 2-6 page papers on industry status and issues, sonic analysis of a contemporary song/tv show/movie, microphone techniques, signal processing techniques, and documentation of a live recording session.

Examples of Required Writing Assignments

3 one to two pages written essays on audio production and recording techniques for video

Examples of Outside Assignments

Remote recording for sound design project.

Instruction Type(s)

Lecture, Lab, Online Education Lecture, Online Education Lab