

REC 115: RECORDING STUDIO WORKSHOP I

Citrus College Course Outline of Record

Heading	Value
Effective Term:	Fall 2021
Credits:	4
Total Contact Hours:	126
Lecture Hours :	54
Lab Hours:	72
Hours Arranged:	0
Outside of Class Hours:	108
Prerequisite:	REC 100, REC 103, and REC 140.
Corequisite:	REC 105, REC 125, REC 135, and REC 145.
Transferable to CSU:	Yes
Transferable to UC:	No
Grading Method:	Standard Letter

Catalog Course Description

This applied workshop course provides an introduction to basic audio hardware, software and recording techniques. Units include digital audio workstation set-up and operation, basic microphone techniques, software and hardware-based recording and mixing. 54 lecture hours, 72 lab hours.

Course Objectives

- adhere to studio protocols
- describe and understand terms used in a recording studio
- demonstrate procedures used in a recording studio
- demonstrate proper microphone care and techniques
- demonstrate an understanding of both analog and digital recording
- demonstrate basic concepts of multi-track recording
- demonstrate equalization procedures
- demonstrate audio mixing procedures

Major Course Content

1. Computer Operations - managing software-based (Pro Tools, etc.) audio recording and editing systems
2. The Digital Audio Workstation – session set-up, signal routing and recording; file organization
3. Studio Systems – the console, monitors, patch bay and recording hardware
4. Microphone Techniques – selecting and placing microphones for individual and small ensemble recording
5. Studio Sessions – pre-production and session planning, completion of individual and group recording projects

Lab Content

1. Computer workstation operating system, file management, standard conventions
2. Basic software-based audio recording and editing
3. Recording studio set-up, hardware connections and operation

4. Instrument and vocal mic'ing with single and multi-mic techniques
5. Individual and group recording and mixing projects

Suggested Reading Other Than Required Textbook

Music and recording industry periodical articles.

Examples of Required Writing Assignments

A two page paper on stereo mic'ing techniques.

Examples of Outside Assignments

Group project: Record a small ensemble

Instruction Type(s)

Lecture, Lab, Online Education Lecture, Online Education Lab