# REC 215: RECORDING STUDIO WORKSHOP II

## Citrus College Course Outline of Record

| Heading | Value |
|---|---|
| Effective Term: | Winter 2021 |
| Credits: | 4 |
| Total Contact Hours: | 126 |
| Lecture Hours : | 54 |
| Lab Hours: | 72 |
| Hours Arranged: | 0 |
| Outside of Class Hours: | 108 |
| Prerequisite: | REC 105, REC 115, REC 125, REC 135, REC 145. |
| Corequisite: | REC 205, REC 225, REC 235, REC 245. |
| Transferable to CSU: | Yes |
| Transferable to UC: | No |
| Grading Method: | Standard Letter |

## Catalog Course Description

This course is a project-based course intended to solidify the core principles of audio. Projects will include recording, mixing and mastering, post-production and surround mixing techniques. 54 lecture hours, 72 lab hours.

## Course Objectives

- Demonstrate advanced procedures used in a recording studio
- Demonstrate a variety of multi-track recording techniques
- Demonstrate post-production techniques
- Be able to produce a finished studio project

## Major Course Content

1. Hardware interface – patch bay routing and connections
2. Console operations – gain structure, signal routing and processing
3. Advanced session procedures – set-up and microphone techniques
4. Advanced music and soundtrack mixing using console automation
5. Advanced signal processing using frequency, dynamics and time-based effects
6. Field and studio recording techniques for film and television audio
7. Advanced spotting, sound creation and editing for audio post-production
8. Surround mixing – 5.1 software and hardware set-up and operation

## Lab Content

1. Studio hardware – interconnections and operations
2. Console operations – analog and digital
3. Advanced mic technique – stereo and surround miking
4. Advanced digital/analog console automation
5. Spotting and foley/dialogue creation for audio post-production
6. 5.1 surround mix techniques – mixing and monitoring

## Suggested Reading Other Than Required Textbook

Industry-related periodicals and journals.

## Examples of Required Writing Assignments

Multiple one to three-page essays evaluating individual and group projects.

## Examples of Outside Assignments

Students will complete field recording assignments as part of audio post-production projects.

## Instruction Type(s)

Lecture, Lab, Online Education Lecture, Online Education Lab