

MUS G113: AUDIO RECORDING 1

Item	Value
Curriculum Committee Approval Date	12/03/2024
Top Code	100500 - Commercial Music
Units	3 Total Units
Hours	54 Total Hours (Lecture Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)

Course Description

This course provides hands-on experience with industry-standard equipment and techniques, including microphone placement for various instruments, mixing consoles, and proficiency in digital audio workstation (DAW) workflows, with a focus on Pro Tools. Through a mix of lectures and project-based learning, students will gain an overview of audio recording. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Course Outcomes
2. Utilize DAW (Pro Tools) to record live musicians and spoken word.
3. Identify microphone placement technique for a variety of instruments.
4. Produce a musical project that requires basic recording skills, mixing techniques, and equipment placement.

Course Objectives

- 1. Apply skills learned in class to assemble a recording studio.
- 2. Identify basic operations of DAW (Pro Tools) and other music software.
- 3. Utilize recording equipment in a recording studio.
- 4. Evaluate recordings with critical listening skills.
- 5. Troubleshoot common recording difficulties and equipment malfunctions.

Lecture Content

Introduction to audio recording Introduction to DAW (Pro Tools)
Microphone types Basic Microphone placement techniques Drum microphones and placement techniques Tracking techniques Audio Editing Punching Comping Pitch correction Rhythmic alignment Session file management More Audio techniques Buses Sends Auxiliary tracks Reverb Delay Compression and EQ Mixing Techniques Recording in performance venues Theater Concert hall Outdoor Live concerts

Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- DE Online Lecture (02X)

Reading Assignments

Articles provided by instructor

Writing Assignments

Written evaluations of studio or concert recordings

Out-of-class Assignments

Critical listening to recordings provided by instructor

Demonstration of Critical Thinking

Evaluation of recordings for recording errors

Required Writing, Problem Solving, Skills Demonstration

Use basic mixing skills to assemble a project using recorded tracks

Eligible Disciplines

Music: Master's degree in music OR bachelor's degree in music AND master's degree in humanities OR the equivalent. Master's degree required.

Textbooks Resources

1. Required Savage, Steve. The Art of Digital Audio Recording: A Practical Guide for Home and Studio (Classic), ed. Oxford University Press, 2011
Rationale: Classic

Other Resources

1. Instructor handouts 2. Equipment manuals