

Washtenaw Community College Comprehensive Report

AUD 275 Advanced Audio Recording Technology Effective Term: Winter 2020

Course Cover

Division: Business and Computer Technologies

Department: Digital Media Arts (new)

Discipline: Audio

Course Number: 275

Org Number: 14500

Full Course Title: Advanced Audio Recording Technology

Transcript Title: Advanced Audio Recording Techn

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: Course Change

Change Information:

Consultation with all departments affected by this course is required.

Pre-requisite, co-requisite, or enrollment restrictions

Rationale: Change prerequisite only.

Proposed Start Semester: Winter 2020

Course Description: This is a career-oriented course for advanced audio technology recording. Students apply progressive recording and mixing techniques to solo instrumental, small group and multi-track recordings. Students will learn microphone usage techniques, signal processors and effects, as they apply to industry-standard recording of audio. The title of this course was previously Audio Recording Technology II. This course was previously MUS 275.

Course Credit Hours

Variable hours: No

Credits: 3

Lecture Hours: Instructor: 45 **Student:** 45

Lab: Instructor: 0 **Student:** 0

Clinical: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: 45 **Student:** 45

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

No Level Required

Requisites

Prerequisite

AUD 175 minimum grade "C"

General Education

Request Course Transfer

Proposed For:

Central Michigan University
College for Creative Studies
Eastern Michigan University
Ferris State University
Grand Valley State University
Jackson Community College
Kendall School of Design (Ferris)
Lawrence Tech
Michigan State University
Oakland University
University of Detroit - Mercy
University of Michigan
Wayne State University
Western Michigan University

Student Learning Outcomes

1. Determine basic settings, function and placement of microphones in a recording studio.

Assessment 1

Assessment Tool: Practical exam

Assessment Date: Fall 2019

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: Random sample of 50% of the students with a minimum of one section

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 70% of the students will score 70% or higher.

Who will score and analyze the data: Departmental faculty

2. Demonstrate and apply signal and effects processing.

Assessment 1

Assessment Tool: Practical exam

Assessment Date: Fall 2019

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: Random sample of 50% of the students with a minimum of one section

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 70% of the students will score 70% or higher.

Who will score and analyze the data: Departmental faculty

3. Mix and master a complete audio recording.

Assessment 1

Assessment Tool: Audio recording

Assessment Date: Fall 2019

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: Random sample of 50% of the students with a minimum of one section

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 70% of the students will score 70% or higher.

Who will score and analyze the data: Departmental faculty

Course Objectives

1. Review and discuss important theories and developments in digital audio technology.
2. Learn models for studio layout by function.
3. Use signal and effects processing equipment.
4. Demonstrate microphone usage and placement for diverse recording situations.
5. Record various music group sizes to digital medium.
6. Document microphone selection, location, problems encountered and propose solutions for all problems.
7. Practice techniques in equalization and reverberation and signal processing.
8. Complete both rough and automated mixes of recordings made in class.
9. Apply digital editing technology to class recordings.

New Resources for Course

Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities

Level III classroom

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>David Clipner</i>	<i>Faculty Preparer</i>	<i>Sep 12, 2019</i>
Department Chair/Area Director: <i>Donald Werthmann</i>	<i>Recommend Approval</i>	<i>Sep 14, 2019</i>
Dean: <i>Eva Samulski</i>	<i>Recommend Approval</i>	<i>Sep 16, 2019</i>
Curriculum Committee Chair: <i>Lisa Veasey</i>	<i>Recommend Approval</i>	<i>Sep 30, 2019</i>
Assessment Committee Chair: <i>Shawn Deron</i>	<i>Recommend Approval</i>	<i>Oct 04, 2019</i>
Vice President for Instruction: <i>Kimberly Hurns</i>	<i>Approve</i>	<i>Oct 07, 2019</i>