

## Washtenaw Community College Comprehensive Report

### AUD 248 Introduction to Live Sound Effective Term: Winter 2020

#### Course Cover

**Division:** Business and Computer Technologies

**Department:** Digital Media Arts (new)

**Discipline:** Audio

**Course Number:** 248

**Org Number:** 14500

**Full Course Title:** Introduction to Live Sound

**Transcript Title:** Introduction to Live Sound

**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:** In this course, students will be introduced to the components and usage of portable sound systems for live events. Students will be required to practice sound setup and application of course skills in one or more live performances outside of class. This course may be beneficial for artists and event managers who want to gain a basic understanding of sound systems or those wishing to pursue a career in live sound. The title of this course was previously Sound Reinforcement for Stage. This course was previously MUS 248.

#### 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 170 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. Differentiate the major components and the function of major components of both small and large sound systems.

#### **Assessment 1**

Assessment Tool: Written exam

Assessment Date: Fall 2020

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

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

Who will score and analyze the data: Departmental faculty

2. Recognize the function of each component in achieving good industry standard live sound.

#### **Assessment 1**

Assessment Tool: Written exam

Assessment Date: Fall 2020

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

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

Who will score and analyze the data: Departmental faculty

3. Demonstrate the setup and wiring of a sound system, from mixer to speaker, used for live sound.

#### **Assessment 1**

Assessment Tool: Practical exam

Assessment Date: Fall 2020

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

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

Who will score and analyze the data: Departmental faculty

### **Course Objectives**

1. Interpret operating manuals for use of sound system components.
2. Demonstrate the practical application of equipment related to live sound theory.
3. Apply knowledge of human hearing as it relates to live equalization and speaker setup.
4. Describe coverage, low sound and feedback in live sound.
5. Demonstrate proper gain structure to avoid noise and distortion.
6. Model proper setup of sound from microphone to speaker.
7. Demonstrate and apply knowledge of microphone brand and type as relates to live sound micing.
8. Demonstrate knowledge of client/event pre-production in determining sound design.
9. Model proper equipment breakdown and storage as it relates to best practice equipment maintenance.

### **New Resources for Course**

Build or purchase storage cabinet for classroom audio equipment in MLB 160

### **Course Textbooks/Resources**

Textbooks  
Manuals  
Periodicals  
Software

### **Equipment/Facilities**

Level III classroom

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