

# Minnesota State University Moorhead

## EIT 382: Live Sound Reinforcement and Recording

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Course focuses on live sound reinforcement/recording. Students will gain experience in the set-up and operation of sound reinforcement systems and audio processing devices. Live microphone techniques for reinforcement and recording will be studied. Additionally, students will learn necessary organizational skills required to successfully oversee an event. Students must attend certain events on evenings and weekends.

**B. COURSE EFFECTIVE DATES:** 02/02/2020 - 03/01/2024

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Study of acoustics
2. Historical study of live sound techniques
3. Study of stereo and multi-track live recording techniques
4. Advanced study of sound reinforcement for different areas in entertainment (musical, theatrical, live broadcast sound)
5. Proper use of audio processors and their applications. (Equalization, Compression, Effects)

### D. LEARNING OUTCOMES (General)

1. Students will be able to successfully set-up and operate a myriad of different sized sound systems.
2. Students will be able to function as an engineer for a live production.
3. Students will learn the basics of live two-track and multi-track recording.

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted