Minnesota State University Moorhead

EIT 181: Audio Technology Theory

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

An introductory course in audio terminology and theory. Students will be introduced to standard audio production gear (EQ, Compression, Effects) and its operation. Principles will be presented through readings, recording, and lectures. Hands-on sessions will provide opportunities for basic skills acquisition. Students must attend scheduled events on some evenings and weekends as part of this course.

B. COURSE EFFECTIVE DATES: 02/02/2017 - 03/01/2024

C. OUTLINE OF MAJOR CONTENT AREAS

1. Study of audio terminology
2. Analog and Digital audio theory
3. Historical study of recording techniques
4. Introduction to audio processors and their applications. (Equalization, Compression, Effects)
5. Study of studio design and acoustics

D. LEARNING OUTCOMES (General)

1. This course will focus on providing students with the necessary knowledge and competence relating the basic terminology and principles of audio production.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted