

Course discipline/number/title: MUSC 1622: Audio Production II

A. CATALOG DESCRIPTION

1. Credits: 3
2. Hours/Week: 1 lecture, 4 lab
3. Prerequisites (Course discipline/number): MUSC 1621
4. Other requirements: None
5. MnTC Goals (if any): NA

B. COURSE DESCRIPTION: This course continues Audio Production I content with the fundamentals of recording studio sound engineering. This course will emphasize understanding sound, acoustics, signal routing, gain staging, DAW operation, microphone design, microphone placement, compression, equalization, basic mixing, basic mastering, and its application to aesthetic treatment. This course will include hands-on experience in the campus recording studios and help prepare for internship opportunities.

C. DATE LAST REVISED (Month, year): March, 2023

D. OUTLINE OF MAJOR CONTENT AREAS:

1. Review of basic studio procedures
2. Monitoring
3. Digital Signal Processors (software plugins)
 - a) Equalization techniques
 - b) Compression techniques
 - c) Time-based effects
4. Mono recording techniques
5. Stereo recording techniques
6. Multi-microphone recording techniques
7. Recording and mix-down of the drum set
8. Recording and mix-down of the small ensemble
9. The creative process in audio mix-down
10. Critique

E. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Demonstrate an understanding of the technical and artistic basics of production of audio.
2. Demonstrate knowledge of basic terminology, the science and art of sound, and audio in multimedia.
3. Apply basic studio operations, multitrack audio recording, audio production of the web, mixing process, and audio processing through individual and group project creation.
4. Analyze peer projects critically.

F. LEARNING OUTCOMES (MNTC): NA

G. METHODS FOR EVALUATION OF STUDENT LEARNING: Methods may include but are not limited to:

1. Objective and short answer tests
2. Essay Tests
3. Short term projects
4. Long term projects
5. Portfolio
6. Skill performance

H. RCTC CORE OUTCOME(S). This course contributes to meeting the following RCTC Core Outcome(s): Personal and Professional Accountability. Students will take responsibility as active learners for achieving their educational and personal goals.

I. SPECIAL INFORMATION (if any): None