ROCHESTER COMMUNITY AND TECHNICAL COLLEGE
COMMON COURSE OUTLINE

Course discipline/number/title: MUSC 1621: Audio Production l

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

B.   COURSE DESCRIPTION. This course is the first of a two-part "hands-on" introduction to the world of contemporary music recording technology. The student will learn basic terminology and practice of contemporary recording theory and practice. The student will be given individual studio time for production practice in Studio C and the surround sound Studio ST-105.

C.   DATE LAST REVISED (Month, year): February, 2021

D.   OUTLINE OF MAJOR CONTENT AREAS:
1. Overview of careers in the music industry
2. Microphone designs and their characteristics
3. The science of sound
4. Digital audio mechanics and their terminologies used audio production
5. Introduction to amplifier types and their uses in the studio
6. Introduction of the audio production console
7. The creation process in audio production
8. Stereo and 5.1 surround sound mix production
9. Contemporary digital media creation

E.   LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Demonstrate an understanding of the technical and artistic basics of the production of audio.
2. Apply knowledge of basic terminology, the science and art of sound, and audio in multimedia.
3. Perform basic studio operations, Multi-track audio recording, audio production of the web, mixing process, and audio processing through individual and group project creation.
4. Critically analyze peer projects.

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. Small projects
4. Larger, short term projects
5. Portfolio, long term projects
6. Skill performance

H.   RCTC CORE OUTCOME(S). This course contributes to meeting the following RCTC Core Outcome(s):
Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.

I.   SPECIAL INFORMATION (if any): None