A. CATALOG DESCRIPTION
1. Credits: 2
2. Hours/Week: 4
3. Prerequisites (Course discipline/number): MUSC 1601
4. Co-requisites (Course discipline/number): None
5. MnTC Goals (if any): NA

This course is the second of a two-part “hands-on” introduction to the world of contemporary electronic music. The relationship between computer, software, and electronic instruments will be investigated by the student. This course will continue with use of concept investigated in the first course. Additional areas will include: writing music and data CDs; creation of sound and music for video productions, basic Quicktime video editing and production. The student will be presented and practice the use of numerous software and hardware packages in the multi-station electronic music lab. The student will then be given individual studio time in production studio A where the student will create music and audio/video.

B. DATE LAST REVISED (Month, year): December, 2007

C. OUTLINE OF MAJOR CONTENT AREAS:
1. What is electronic music and MIDI?
   a) History of Electronic Music
   b) Basic MIDI and Audio terminology
   c) Special computer applications for MIDI and audio
   d) The computer
   e) The sequencer
   f) Audio Editing
   g) Digital Processing
   h) CD-Creation
   i) Streaming and Compressed Media
   j) Synthesizers, Sound Modules, and Samplers
      1. Hands-on experience
      2. Weekly projects
2. Original Music Creation Concepts
   a) Creativity and the decision-making process
   b) Use of Repetition/Contrast
   c) Rhythmic and Melodic Motives and use of Phrase
   d) Music Line
   e) Music Texture
   f) Use of Music Timbre
   g) Music Form
   h) Use of Music Dynamics
3. Planning the project
   a) Technical Considerations
   b) Music Considerations
4. The Mix-down Process
   a) Balance of music tracks
   b) Balance of music pan
5. Presentation of projects
6. The Project Critique Process
   a) Critical Listening Skills
   b) Constructive Feedback
   c) Feedback Terminology and Application
D. LEARNING OUTCOMES (GENERAL): The student will be able to:
Demonstrate an understanding of the technical and artistic basics of music creation. The student will demonstrate understanding of: basic terminology, the science and art of sound, MIDI, multi-track audio recording, computer and synthesizer use in creation, creation of original music and the pressing of individual CD’s and CD-E’s, development of verbal terminology for critique of music compositions.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
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

G. SPECIAL INFORMATION (if any):
Tuition differential