COMMON COURSE OUTLINE: Course discipline/number/title: MUSC 1623: Concert Recording and Sound Reinforcement

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

This course will focus on stereo and extended recording techniques for concerts and sessions involving voices or ensembles. Sound reinforcement (providing sound systems for live performances) will also be studied. Principles will be presented through readings, recordings, lectures, and through hands-on sessions that will provide opportunities for skills acquisition.

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

C. OUTLINE OF MAJOR CONTENT AREAS:
1. The Transducer
   a) Speakers
   b) Microphone
2. Cable Types
3. The Mixing Board
4. Music Listening Skills
   a) Frequency Range (Hertz)
   b) Dynamic Range (Decibel)
   c) Balance of Sound
   d) Placement of Sound
   e) Timbre Recognition
   f) EQ skills
5. Recording and Reinforcement Process
   a) Live Sound Recording
   b) Live Sound Reinforcement
6. Recording and Reinforcement Projects
   a) Selecting a Team
   b) Live Sound Recording-Small and Large Ensemble
   c) Live Sound Reinforcement-Large and Small Project
   d) Student Critique Sessions

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Learn music recording and sound reinforcement concepts and will apply that knowledge to live ensemble music events in small teams.
2. Learn basic mixing board, microphone, equalization, and monitor concepts and skills as applied to live music events.
3. Work together in teams to prepare, design, and implement equipment and sound reinforcement for live events on the URC campus.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
1. Small projects
2. Larger, short term
3. Portfolio, long term
4. Group work
5. Skill performance

G. SPECIAL INFORMATION (if any): None