Course Syllabus

Department: Visual & Performing Arts

Date: Fall 2012

I. Course Prefix and Number: MUS 272

Course Name: Techniques of Audio Recording IV

Credit Hours and Contact Hours: 3 credit hours, 4 contact hours

Catalog Description including pre- and co-requisites:

This course serves as a capstone experience for students in the Music Recording Program. Students will be expected to function as a professional recording engineer with clients, booking sessions, meeting deadlines and seeking possible album distribution.

Prerequisite: MUS 271
Co-requisite: MUS 207

II. Course Outcomes and Objectives

Student Learning Outcomes:

The student should be able to demonstrate:

- The ability to construct and execute the appropriate method of producing and recording music within a variety of genres and playing styles
- The ability to effectively communicate best practices in audio engineering
- The ability to deal in a professional manner with outside clients
- Advanced mixing theory and technique
- Advanced knowledge of studio procedures and miking techniques
- Knowledge of studio design and system design

Relationship to Academic Programs and Curriculum:

This is the capstone course for the Music Recording program.

College Learning Outcomes Addressed by the Course:

☐ writing ☑ computer literacy
☒ oral communications ☒ ethics/values
☐ reading ☐ citizenship
☐ mathematics ☐ global concerns
☒ critical thinking ☐ information resources
III. Instructional Materials and Methods

Types of Course Materials:

Required Textbook

Methods of Instruction (e.g. Lecture, Lab, Seminar …):

Lecture/Lab/one-on-one sessions with the instructor

IV. Assessment Measures (Summarize how the college and student learning outcomes will be assessed):

<table>
<thead>
<tr>
<th>Identified College Learning Outcomes:</th>
<th>Specific Assessment Measures</th>
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<tbody>
<tr>
<td>Critical Thinking</td>
<td>Students will apply critical listening skills and problem solving skills in their capstone project</td>
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<tr>
<td>Computer Literacy</td>
<td>Students will be able to use automation, computer software and hardware in their capstone project</td>
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<tr>
<td>Oral Communications</td>
<td>Students will present their capstone project to their peers and the public in the form of an oral presentation</td>
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<tr>
<td>Ethics and Values</td>
<td>Students will represent the College in a professional manner when dealing with outside clientele</td>
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V. General Outline of Topics Covered:

- Advanced recording and mixing techniques
- Critical listening sessions
- Psychoacoustics and Data Rate Reduction
- Digital Audio, Transmission and Synchronization
- Loudspeakers, Loudspeaker Enclosures, Studio Design and Integration