

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:

- | | |
|---|---|
| <input type="checkbox"/> writing | <input checked="" type="checkbox"/> computer literacy |
| <input checked="" type="checkbox"/> oral communications | <input checked="" type="checkbox"/> ethics/values |
| <input type="checkbox"/> reading | <input type="checkbox"/> citizenship |
| <input type="checkbox"/> mathematics | <input type="checkbox"/> global concerns |
| <input checked="" type="checkbox"/> critical thinking | <input type="checkbox"/> 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):

Identified College Learning Outcomes:	Specific Assessment Measures
Critical Thinking	Students will apply critical listening skills and problem solving skills in their capstone project
Computer Literacy	Students will be able to use automation, computer software and hardware in their capstone project
Oral Communications	Students will present their capstone project to their peers and the public in the form of an oral presentation
Ethics and Values	Students will represent the College in a professional manner when dealing with outside clientele

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