Course Syllabus

Department: VAPA

Date: Spring 2016

I. Course Prefix and Number: MUS 290

  Course Name: Sound Reinforcement and Live Recording Techniques

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

  Catalog Description including pre- and co-requisites:
  This course provides an introduction to sound reinforcement systems and practical live recording applications. Emphasis is placed on sound system components, design, and function with a hands-on approach to set up, maintenance, troubleshooting, operation, analysis, and safety. Other course topics will include a study of a variety of recording formats as well as digital multi-track equipment and operation leading to individual on-location recording projects. Some basic tools required. Pre-requisites: MUS 270

  Relationship to Academic Programs and Curriculum including SUNY Gen Ed designation if applicable:
  This course provides additional opportunities for music recording majors to study practical applications of sound reinforcement and live recording systems. It is not a required course.

II. Course Student Learning Outcomes:

The student will be able to:

- demonstrate technical knowledge of system design

- operate sound and live recording systems

- demonstrate competency in live mixing and recording skills

College Learning Outcomes Addressed by the Course: (check each College Learning Outcome addressed by the Student Learning Outcomes)

  writing computer literacy
  oral communications ethics/values
  reading citizenship
  mathematics global concerns
  critical thinking information resources

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III. Assessment Measures (Summarize how the college and student learning outcomes will be assessed): For each identified outcome checked, please provide the specific assessment measure.

<table>
<thead>
<tr>
<th>List identified College Learning Outcomes(s)</th>
<th>Specific assessment measure(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>reading</td>
<td>Tests on chapters form textbooks and handouts</td>
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<tr>
<td>Computer literacy</td>
<td>Demonstrating proficiency with software and digital consoles</td>
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<tr>
<td>Critical thinking</td>
<td>Evaluation of live mixing skills and final on-location recording project</td>
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IV. Instructional Materials and Methods

Types of Course Materials:
The Yamaha Sound Reinforcement Handbook
On Location Recording by Bruce Bartlett

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

V. General Outline of Topics Covered:
- Sound Reinforcement and Audio Recording History
- Sound system design technology and function
- Sound system set up, maintenance, and operation
- Practical recording applications with various formats
- Troubleshooting and repair
- System analysis
- Demonstration of skills