



Syllabus

MUS 290 Sound Reinforcement and Live Recording Techniques

General Information

Date

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Author

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Department

Visual and Performing Arts

Course Prefix

MUS

Course Number

290

Course Title

Sound Reinforcement and Live Recording Techniques

Course Information

Credit Hours

3

Lecture Contact Hours

3

Lab Contact Hours

1

Other Contact Hours

0

Catalog Description

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

Prerequisites

MUS 270

Co-requisites

None

Grading Scheme

Letter

First Year Experience/Capstone Designation

This course DOES NOT satisfy the outcomes applicable for status as a FYE or Capstone.

SUNY General Education

This course is designated as satisfying a requirement in the following SUNY Gen Ed category

None

FLCC Values

Institutional Learning Outcomes Addressed by the Course

Vitality

Inquiry

Perseverance

Interconnectedness

Course Learning Outcomes

Course Learning Outcomes

1. Explain the fundamentals of sound system design.
2. Operate sound and live recording systems.
3. Practice essential skills in live mixing and recording.

Program Affiliation

This course is not required as a core course in a program

Outline of Topics Covered

- I. Sound Reinforcement history
- II. Sound system design technology and function
- III. Current trends in sound reinforcement design and technology
- IV. Sound system set up, maintenance, and operation
- V. Identifying system components and their interconnectivity.
- VI. Maintaining equipment to ensure reliability
- VII. Practical recording applications in live performances
- VIII. Recording performances in a variety of spaces from small coffee houses to outdoor concert venues.
- IX. Troubleshooting and repair
- X. Sound system measurement and analysis
- XI. Tuning the sound system for different environments
- XII. Demonstration of skills associated with mixing and recording live performances