

SPED C067N: MUSIC TECHNOLOGY

Item	Value
Curriculum Committee Approval Date	09/11/2020
Top Code	100500 - Commercial Music
Units	0 Total Units
Hours	40 Total Hours (Lecture Hours 16; Lab Hours 24)
Total Outside of Class Hours	0
Course Credit Status	Noncredit (N)
Material Fee	No
Basic Skills	Basic Skills (B)
Repeatable	Yes; Repeat Limit 99
Open Entry/Open Exit	No
Grading Policy	P/NP/SP Non-Credit (D)

Course Description

This course will be taught by Special Programs music faculty with assistance and mentoring from field professionals. Students will get a basic knowledge of music technology-related skills that will directly apply to commonly available jobs in the Music Industry. They will learn to operate music notation software, audio equipment, lighting, projection, and DJ equipment. Students will have plenty of hands-on practice with these skills, helping them get ready for entry-level jobs that use such technologies. Noncredit. NOT DEGREE APPLICABLE. Not Transferable.

Course Level Student Learning Outcome(s)

1. Demonstrate a basic understanding of music notation software.
2. Effectively and safely operate sound and lighting for a live performance.
3. Demonstrate knowledge of variations in acoustics, volume, and balance, and can optimize the sound during a live performance.

Course Objectives

- 1. Identify major music technology components such as basic types of microphones, speakers, and cords.
- 2. Set up a basic sound system in correct sequence using instructions given.
- 3. Independently adjust sound output to create a balanced sound during a live performance.
- 4. Stay focused during class labs.
- 5. Help produce the sound, lights, and projections for a live performance at Coastline.
- 6. Transcribe a simple melody in music notation software.
- 7. Properly and safely disassemble, organize, and store all sound and lighting equipment after use.

Lab Content

Music notation software Understanding Operating A/V Equipment Sound equipment Microphones Speakers and Amps Mixers Acoustics and Sound Engineering Lighting equipment Spotlights Washes GOBOs and Gels Fixture Placement and Lighting Operation Ancillary A/V equipment Playback (audio video) Projector/Video DJ equipment Practical Techniques in A/V

Method(s) of Instruction

- Enhanced NC Lect (NC1)
- Enhanced NC Lab (NC2)
- Live Online Enhanced NC Lect (NC9)
- Live Online Enhanced NC Lab (NCA)

Instructional Techniques

Lecture and discussion of important concepts Hands-on labs in class and in the field Music software exercises Out-of-class assignments and practicum

Out-of-class Assignments

Produce sound and lighting for Coastline production

Demonstration of Critical Thinking

Participation in class discussions

Required Writing, Problem Solving, Skills Demonstration

Transcribe a hand-written piece of music into music notation software Demonstrate ability to independently set up, run, and strike sound and lighting equipment Work collaboratively with class to produce sound and lighting for Coastline production

Eligible Disciplines

Special education: Minimum qualifications for these faculty members are specified in title 5, section 53414. Master's degree required. Title 5, section 53414

Other Resources

1. Coastline Library

Lecture Content

Music notation software Sound equipment Lighting equipment Ancillary A/V equipment