

Introduction to Sound Mixing

Level 2: Student may have explored previously; first pathway specific course

Pathway(s): Production and Managerial Arts

Description

This course introduces students to setup and take down of audio equipment, sound check, and management of audio volume and sound quality of various productions. Standards in this course include career exploration, an overview of the history and evolution of sound mixing.

Student Learning Outcomes

- 1) Identify career opportunities that exist for those with sound design experience
 - a. Recognize the work typically performed, tools and technology used, and nature of work environments
 - b. Identify potential certifications within the careers
 - c. Find membership organizations associated with the careers
 - d. Understand the necessary education associated within the career opportunities
- 2) Identify postsecondary opportunities within Colorado
 - a. Technical and community colleges, universities
 - b. Certificates, associates, bachelors, and advanced degrees
- 3) Identify the necessary components of a portfolio of work.
- 4) Outline the history and function of sound in creating a multimedia experience.
- 5) Describe physics of sound and how it relates to the physiology of the ear.
- 6) Identify the characteristics of sound and their relationship to recording music.
- 7) Explain the principles of microphones and speakers and their methods of use.
- 8) Set up and use microphones and speakers.
- 9) Examine the steps of the recording process.
- 10) Analyze the fundamental components of a musical mix and their signal flow.
- 11) Demonstrate working knowledge of signal processing and routing basics as it relates to recording and mixing.
- 12) Demonstrate proficiency in file management and formatting.
- 13) Develop a portfolio of work.