

AUD 120 - DIGITAL AUDIO I

Course Description

This course is an introduction to digital audio theory and application through the use of digital audio workstations (DAWs), specifically Logic Pro X (Apple). Students will use Logic Pro to record, edit, and mix audio and MIDI. There is an emphasis on the concept of signal flow that will translate to other DAWs in future courses. Group 2 course.

Credit Hours

2

Contact Hours

2

Lecture Hours

2

Course Learning Outcomes

Knowledge:

- Demonstrate basic facility using Logic Pro X software.
- Demonstrate audio and MIDI recording and editing techniques using Logic Pro X.
- Demonstrate basic understanding of digital audio fundamentals, including sample rate, bit depth, MIDI messages, and analog to digital conversion.

Application:

- Edit Musical Instrument Digital Interface files.
- Create notation using Sibelius software.
- Compare and Contrast various Musical Instrument Digital Interface editing and recording techniques.

Integration:

- Create Musical Instrument Digital Interface files using Logic Pro software.

Human Dimension:

- See themselves as artists.
- Collaborate with others in a creative environment.
- Recognize the personal and societal importance of self-expression and creativity.

Caring - Civic Learning:

- Express interest in music from other cultures and genres.
- Value differences in cultural expressions of creativity.
- Recognize the role music plays as an expression of social concerns.

Learning How to Learn:

- Read study effectively.
- Frame useful questions.
- Develop educational goals.
- Direct/regulate their own learning.
- Learn through collaboration.