



C-ID Descriptor

Digital Music Production

Descriptor Details

- **Descriptor Title:** Digital Music Production
- **C-ID Number:** 111
- **Units:** 2
- **Date of Last Revision:** 1/27/2026 11:37:09 PM GMT+0000

General Description

This course introduces the techniques and elements of a digital audio workstation. Topics include the fundamentals of MIDI and audio sequencing, recording, editing, and mixing.

Prerequisites

N/A

Corequisites

N/A

Advisories

N/A

Content

This course contains both theory and process and includes the fundamentals of:

- MIDI:
 - Sequencing
 - Recording
 - Editing
 - Quantization
 - Velocities
 - Virtual Instruments
- Audio:
 - Signal Flow
 - Sequencing
 - Recording
 - Editing
- Effects processing & Mixing
 - EQ
 - Compression
 - Reverb
 - Levels
 - Pans
 - Automation
 - Sends
 - Inserts
 - Aux tracks

Lab Activities

No information provided

Objectives

At the conclusion of this course, the student should be able to:

- Demonstrate MIDI creative techniques within a digital audio workstation.
- Demonstrate creative digital audio recording and editing techniques within a digital audio workstation.

- Demonstrate fundamentals of mixing and automation within a digital audio workstation.

Evaluation Methods

- Hands-on creative projects exploring the workflows of a digital audio workstation
- Quizzes and/or Exams

Textbooks

- Avid Technology, *Pro Tools 101*
- Jon Marguiles, *Ableton Live Power!*
- Ryan Rey and Harry Gold, *Logic Pro 101*
- Software Reference Manuals