



Master Course Syllabus

MUS 1005 - Introduction to Computer Applications

Purpose of Document

This document contains important information for transfer. It may be helpful for you to retain a copy for your records, along with the class specific syllabus. This document will be especially helpful if you ever transfer out of state.

Pikes Peak State College and the Colorado Department of Higher Education have determined that graduates should have a broad range of learning skills as well as discipline related skills. Both types of skills are detailed below.

Course Description

Introduces the use of computers in the music industry. Explores current use of MIDI instrument, MIDI sequencing, MIDI editing, audio editing, notation software, and set-up of Digital Audio Workstation.

Credit Hours: 3

Contact hours: 45 (Lecture)

Required Course Learning Outcomes

1. Understand how to use a Digital Audio Work station
2. Demonstrate editing techniques using audio files.
3. Explore analog to digital conversion techniques.
4. Demonstrate understanding of different audio interface options.
5. Demonstrate understanding of MIDI language.
6. Learn about current MIDI instruments
7. Explore current notation software and engraving techniques
8. Create original music projects using Digital Audio Work station.

Required Topical Outline

1. Audio Recording on the Digital Audio Work Station
2. Audio Editing
3. MIDI instruments
4. MIDI sequencing
5. Using Audio and MIDI loops
6. Music Notation Software and engraving techniques