MUSC 3352

Division: Fine Arts
Department: Music
Course: MUSC 3352
Title: Music Technology II
Catalog Description:

This course is the first in a sequence of two classes required of all students in the B. Music degree at Snow College. Students will learn about the various hardware and software platforms used in the music business. This course will focus technology related to music notation, music sequencing and music education. An additional cour se fee is required.

General Education Requirements: N/A
Semesters Offered: TBA
Credit/Time Requirement: Credit: 2; Lecture: 2; Lab: 1
Clock/Hour Requirements: 0
Offered for Non-Credit: No
Prerequisites: MUSC 3350 and admittance into B. Music program or permission of instructor.

Justification:

As with other fields of endeavor, the personal computer has revolutionized the study, production and distribution of music. An understanding of this technology is critical for musicians at every level.This type of course is offered for music majors at four-year institutions in the State of Utah, and is a regular course offering around the country.The Horne School of Music at Snow College is an accredited member of The National Association of Schools of Music, and NASM requires that its member schools prepare students by teaching t hem the purpose and use of music technology in various forms as part of undergraduate music training.This course, in conjunction with MUSC 3352 (Music Technology II) fulfills that requirement.

Student Learning Outcomes:

Students preparing to graduate with a bachelor's degree from Snow College in Commercial Music will demonstrate competency in a wide variety of hardware and software platforms related to music production. As related to this specific course, students will:

- be able to use music notation software for the production of lead sheets and other printed musical scores (representative software includes Finale and Sibelius)
- be able to identify the various cable and connector types used in professional audio and their application
- be able to identify, use and maintain microphones of various types used in PA and recording applications
- be able to set up for and run a live musical event using a multi-channel PA system
- be able to use and evaluate computer-aided music software programs for the classroom (representative software includes P ractica Musica).

Content:

Notation:

- standard and MIDI note entry
- expression and articulation markings
- score order and development
- chord symbols and lead sheet notation
- MIDI playback
- file format and exporting to outside applications

PA:

- microphone patterns, polarity and power sources
- cables and connectors
- mixing consoles
- outboard effects
- amplifiers and speakers

Music Education:

- ear training software
- music theory software
- keyboard training software
- music library and database software

General Education Outcomes:

9) Respond with informed sensitivity to an artistic work or experience.

Students are required to exercise artistic sensitivity as they record and edit their work. Such decisions include issues related to pitch, articulation, timbre, rhythmic accuracy, blend and balance. Students show mastery of these skills through completion of small-group assignments with instructor feedback suggesting improvements. Feedback is given from the instructor on the students final recordings.

Applied Education Outcomes:

1) Students will acquire entry-level skills specific to and appropriate for employment in their chosen field of study.

Students completing this course will have acquired the necessary knowledge of computer platforms to apply for work as a music copyist (notation specialist), music educator, or entry-level PA engineer or MIDI keyboard specialist. In addition, students completing this course can use their knowledge to create home studios for the production and distribution of their own compositions.Feedback will be given by completion of hands-on notation and MIDI projects.

Key Performance Indicators:

Students in this course will be assessed using the following methods:

- Direct - Exam: midterm and final written exams (50%),
- Direct - Presentation: hands-on demonstration (25%)
- Direct - Small Group: small-group lab projects (25%)

Percentages are approximate.

Representative Text and/or Supplies:

Emile D. Menasche. The Desktop Studio: A Guide to Computer-Based Audio Production. Hal Leonard, current edition.

Optimum Class Size: 12
Maximum Class Size: 14

Signatures:

I hereby submit this course syllabus:

Steve Meredith, DMA, Associate Professor

I hereby find this course consistent with the goals and resources of the Music Department:

Steve Meredith, DMA, Associate Professor, Chair

I hereby find this course consistent with the goals and resources of the Fine Arts Division:

Vance Larsen, MM, Associate Professor, Dean

I have discussed the need for library resources related to this class with the person submitting the syllabus:

Lynn Anderson, MLIS, Technical Services Librarian (Main Campus)

Michelle Olsen, MLS, Campus Librarian (Richfield Campus)