

CUMBERLAND COUNTY COLLEGE

Course: CO 118 Introduction to Audio Production

Credits: 3

Prerequisites

None

Description

This course is an introduction to techniques using computer-based music recording and multi-media software found on the Macintosh platform, principally GarageBand, iPhoto, iMovie. This course is designed to give the aspiring student a sound pedagogical foundation in the theory and application of computer-based music and multi-media technologies. Also, this course covers foundations, practices, and creative techniques in audio recording and music production, including microphone selection and placement, mixing, mastering, signal processing, automation, and digital audio workstations.

Learning Outcomes

Upon successful completion of the course, participants shall:

- Gain a critical understanding of, and hands-on experience with, the equipment and practices of modern recording techniques and audio production.
- Develop practical and creative approaches to creating, processing, and mixing recordings.
- Understand the historical, aesthetic, and social contexts of audio recording.
- Create original musical ideas using a variety of media and software programs.
- Demonstrate skills in mixing and production techniques, including sound shaping, signal processing, and parametric automation.
- Apply musical and technical skills in a creative context through project assignments.
- Demonstrate ability in music studio design and construction.

Topical Outline

- Identify essential recording equipment
- Understanding computer-based DAW systems
- Choosing the correct musical software for your computer
- Understanding different studio setups
- Recognizing different types of cables and connectors
- Soundproofing a basic recording studio
- Identifying the various types of microphones and Preamps
- Microphone techniques
- Multitrack recording
- Signal processing, editing and mixing

Required Texts, Resources, & Materials

Home Recording for Musicians for Dummies by Strong, Jeff. ISBN # 0764588842

Student Assessment

Will be based on a combination of projects, quizzes, exams, homework, oral presentations, written papers and class participation.

Academic Integrity

Plagiarism is cheating. Plagiarism is presenting in written work, in public speaking, and in oral reports the ideas or exact words of someone else without proper documentation. Whether the act of plagiarism is deliberate or accidental [ignorance of the proper rules for handling material is no excuse], plagiarism is, indeed, a “criminal” offense. As such, a plagiarized paper or report automatically receives a grade of **ZERO** and the student may receive a grade of **F** for the semester at the discretion of the instructor.

Available Resources

If you are having difficulty with work in this class, tutoring is available through the Success Center. If you think that you might have a learning disability, contact Project Assist at 856.691.8600, x1282 for information on assistance that can be provided to eligible students.

(List availability of open labs and/or writing center)

Before Withdrawing From This Course

If a student experiences adverse circumstances while enrolled in this course and considers withdrawing, s/he should see an advisor (division or advisement center) BEFORE withdrawing from the class. A withdrawal may cause harmful repercussions to completion rate standards and overall GPA which can limit or eliminate future financial aid in addition to causing academic suspension.