

JAMESTOWN COMMUNITY COLLEGE

State University of New York

INSTITUTIONAL COURSE SYLLABUS

Course Title: Introduction to Music Technology

Course Abbreviation and Number: MUS 1730

Credit Hours: 3

Course Type: Lecture

Course Description: Appropriate for students with a personal or career interest in this area. No prior music or studio knowledge is required. Through course-work and experience in the college's digital studio, students will be introduced to and gain an understanding of the new music technology including music software, music sequencing, sound sampling, synthesizers, effects, drum machines, and other related equipment. Emphasis will be placed on aesthetics and style in the music produced. Additional studio hours are required. Recommended for those pursuing education, communications, Internet production with regard to audio, multimedia, education, performing arts, or music related fields.

No requisites.

General Education Requirements Met

SUNY
The ARTS

JCC
Applied Learning

Student Learning Outcomes:

Students who demonstrate understanding can:

1. Demonstrate a working knowledge of at least one element of music production.
2. Demonstrate an understanding of the behaviors of sound.
3. Demonstrate a basic understanding of digital audio workstations and mixing techniques.
4. Demonstrate a working knowledge of common tools used for music creation.
5. Demonstrate an understanding of how to create and complete a digital music composition using materials available in the studio.
6. Demonstrate a working knowledge of at least one element of music production.
7. Demonstrate an understanding of at least one principal form of artistic expression and the creative process inherent therein. [SUNY Gen Ed – The Arts]
8. Effectively apply knowledge and skills to a real-world experience, creative project, or independent intellectual investigation. [JCC Gen Ed – Applied Learning]
9. Thoughtfully reflect on connections between concepts studies in the classroom and insights gained from an applied learning experience/project. [JCC Gen Ed – Applied Learning]

Topics Covered:

- Active listening
- Music production as an artistic endeavor
- Art and technology
- Wave theory
- Acoustics
- Signal pathways
- Mixers and patching
- Digital processing overview
- MIDI
- Digital hierarchies
- Analog and digital wave management
- File storage and manipulation
- Studio patches and layout
- Equipment overview
- Software overview
- Project production and scheduling
- Studio organization
- Scheduling, Operation and management

Information for Students

- Expectations of Students
 - [Civility Statement](#)
 - [Student Responsibility Statement](#)
 - [Academic Integrity Statement](#)
- [Accessibility Services](#)

Students who require accommodations to complete the requirements and expectations of this course because of a disability must make their accommodation requests to the Accessibility Services Coordinator.
- [Get Help: JCC & Community Resources](#)
- [Emergency Closing Procedures](#)

- Course grade is determined by the instructor based on a combination of factors, including but not limited to, homework, quizzes, exams, projects, and participation. Final course grade can be translated into a grade point value according to the following:

A=4.0	B+=3.5	B=3	C+=2.5	C=2	D+=1.5	D=1	F=0
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- Veterans and active duty military personnel with special circumstances (e.g., upcoming deployments, drill requirements, VA appointments) are welcome and encouraged to communicate these to the instructor.

Effective Date: Summer 2021