



Course Information

Meeting Time & Location: M12:40-2:40PM & 10:10AM-12:10PM OR 3:00-5:00PM @ M2-14

Instructor: Dr. Joo Won Park

Email: jpark@ccp.edu

Phone: 215-751- 8296

Office Hours: To be announced

Overview

Music technology enhances and facilitates production and experience of music with the use of electronic devices and computer software. This course introduces students to broad topics of music technology, including sequencing, sound designing, home studio production, and computer-aided notation.

The requirements, emphasis, and timing of this course may be changed or adjusted due to the pace of technological advancement or to meet the specific needs of the class as determined by the instructor.

Course Outcome

- Be able to sequence original music using a digital audio workstation.
- Be able to make a musical score with a notation program.
- Be able to design sounds using software synthesizer.
- Be able to make a plan to build his/her own production studio.

Required Materials

- **Data Storage Device:** Bring a read/write data storage device. It is strongly suggested that you purchase a USB flash drive with at least a 512MB capacity as the lab computers' hard disk will be cleaned and formatted regularly.
- **Headphones :** Bring a headset/earphone with 1/4" jack or 1/8"-to-1/4" adaptor.

Expectations

- Come to every classes and labs on time and be ready to talk about the subject matter. Participation is a portion of your final grade. If you miss more than 6 hours of the class time without proper excuses, I reserve the right to drop you from the class. For every tardies to class beyond your third, I reserve the right to drop your final grade by 5% . If you miss more than 12 hours of class time, excused or unexcused, you will not be able to pass the class.
- You are responsible for all material covered in the class regardless of your attendance record.
- Do your assignment and learn the ideas it presents. Late assignments are not accepted.
- Be honest in the work that you do. Plagiarism means presenting someone else's work (be it ideas, words, or music) as your own. This and all other forms of cheating are absolutely



forbidden. Consequences for academic dishonesty may include earning a failing grade for the course or even expulsion from the college.

- Check your CCP email and the class website regularly. I will email schedule/assignment changes. The class website will contain files needed for homework and projects.
- Do NOT email your assignments unless I ask you to do so.

Grading

The final grading formula for the class is as follows:

- Homework (3) 15%
- Class Participation 15%
- Projects (4) 40%
- Midterm Exam 15%
- Final Project 15%

A = 90-100% B = 80-89% C = 70-79% D = 60-69% F = 0-59%

Accommodations for Students with Disabilities

Students who believe they may need an accommodation based on the impact of a disability should contact their instructor privately to discuss their accommodation letter and specific needs as soon as possible, but preferably within the first week of class. If you need to request reasonable accommodations, but do not have an accommodation letter, please contact the Center on Disability, room BG-39, phone number 215-751-8050.

Semester Schedule

- | | |
|--------|---|
| Week 1 | Introduction
Lab: Macintosh basics & Overview of software/hardware
HW 1: Reply My Email |
| Week 2 | Lecture: Digital Audio Workstation (DAW)
Lab: GarageBand lab
Project 1: GarageBand Project |
| Week 3 | Lecture: Sequencing I
Lab: Drum sequencing using GarageBand
HW 2: read and summarize an article |
| Week 4 | Lecture: Sequencing II
Lab: Sequencing pitched instruments |
| Week 5 | * Project 1 is due by Monday |



	Lecture: Software Notation I Lab: Finale lab Project 2: Finale Project
Week 6	Lecture: Software Notation II Lab: Finale lab HW 3: read and summarize an article
Week 7	Lecture: Midterm Review Lab: Midterm Exam
Week 8	Spring Break
Week 9	* Project 2 is due by Monday Lecture: Software Synthesis I
Week 10	Lecture: Software Synthesis II Lab: Reason Lab Project 3: Reason Project
Week 11	Lecture: Software Synthesis III Lab: Reason Lab Project 4: Home Studio Diagram Project
Week 12	* Project 3 is due by Monday Lecture: How to setup a home studio Lab: Collaboration project exercise
Week 13	* Project 4 is due by Monday Lecture: Hard Disk Recording Revisited Final Project: Make a song
Week 14	Lecture: Remix and Remake Lab: Work on your final project
Week 15	Final Exam/Presentation