Advanced Music Technology and Multimedia (MUS 215)

Course Information
Meeting Time & Location: W10:20-12:20PM & 12:40-2:40PM **OR** 3:00-5:00PM @ M2-14
Instructor: Dr. Joo Won Park
Email: jpark@ccp.edu
Phone: 215-751- 8296
Office Hours: TBA

Overview
As a continuation of MUS115, this course will explore various aspects of music technology and multimedia. Using industry-standard software, students will learn advanced sequencing and sound-designing techniques. Students are also introduced to video editing as well as scoring for video and web contents. By the end of the semester, students will demonstrate proficiency with several audio/video hardware/software, and show competency with multimedia-related terminology. Students should also be able to intelligently discuss the historical, artistic, and social issues surrounding multimedia technology.

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
By the end of the semester, students will:
• be able to produce an original music with an advanced digital audio workstation.
• be able to produce music for visuals.
• be able to create a digital video for their original music.

Required Materials
• **Textbook** : *The Sound Reinforcement Handbook* by Davis and Jones
• **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/lab 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%
• You are responsible for all material covered in class regardless of your attendance record.
• Do your assignment and learn the ideas it presents. Late assignments are <u>not</u> 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 instructed. I will not be responsible for undelivered emails.

Grading

The final grading formula for the class is as follows:
- Homework (3)   15%
- Class Participation   5%
- Projects (3)   60%
- Final Project   20%

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   Lecture: Introduction
                Lab: OS X overview & Overview of software/hardware
                HW 1: Reply My Email

Week 2   Lecture: Sound Design : Generators/Envelopes
                Lab: Reason lab
                Project 1: Reason Sound Design Project

Week 3   Lecture: Sound Design: Filters & Reverbs
                Lab: Reason Lab
                HW 2: read and summarize an article

Week 4   *** Project 1 is due**
                Lecture: Sound Design: Distortions & Compressors
                Lab: Reason Lab

Week 5   Lecture: Critical Listening for Production
                Lab: Logic Lab
                Project 2: Logic Sequencing Project

Week 6   Lecture: Advanced Sequencing & Digital Editing
                Lab: Logic lab
                HW 3: read and summarize an article

Week 7   Lecture: Advanced Sequencing & Digital Editing II
                Lab: Logic Lab

Week 8   **Spring Break - No Class**

Week 9   Lecture: Software Mixing I
                Lab: Logic Lab

Week 10   **Project 2 is due** by Wednesday
                Lecture: Video Editing
                Lab: iMovie Lab
                Project 3: iMovie Video Editing Project

Week 11   Lecture: Video Editing II
                Lab: iMovie Lab

Week 12   Lecture: Integration of Logic, Reason, and iMovie
                Lab: Catch up/ Redo

Week 13   *** Project 3 is due** by Wednesday
                Lecture: Web-based multimedia
                Lab: Mixing Lesson
                Final Project: Make a song

Week 14   Lecture: Advanced Hard Disk Recording
                Lab: Work on your Final Project

Week 15   Lecture: Advanced multimedia / Review
                Lab: Work on your Final Project

Final Exam   **Final Exam/Presentation**