Introduction to MIDI Sequencing (MTEC 245)
Course Syllabus, Spring 2017 – 43413 or 43421
Mondays 10-11:50AM or Tuesdays 12-1:50PM G147 Lab

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Office Hours: UPC Campus M-T- W, and/or by appointment

Course Description

MTEC 245 is an 8-week semester course introducing techniques and applications of MIDI sequencing; recording, editing and mixing of digitally produced data on personal computers. Instruction includes; creating unique sounds, using synthesizers and samplers, and learn how to mix and process those sounds with a vast array of effects. Discussions will also include a study of current trends of hardware and software required as well as standardized basic workflows and techniques of music production in various styles and genres.

Student Course Objectives:
- Learn the fundamentals of music composition and production using Logic Pro X while creating a series of musical portfolios.
- Develop composition sketch's into a full-length arrangement.
- Create and process original sounds to add to your music.
- Save the sounds you create to begin building your own library of Logic sounds.
- Create lead, pad, and transition sounds with ES2.
- Apply demonstrated mixing lessons to create a final mix of one of your tracks.
- Create personal portfolio production examples,
- Expand your sound library using advanced techniques, and expand your mixing and processing skills using Logic's production tools.
- Finish your tracks for possible promotional material for yourself and your music.

Requirements, Exams and Grading Information:

Student evaluation in MTEC 245 will consist of tests, practical lab assignments and assigned projects. The assignments include short exercises and two term projects. In general, students will be given one week to complete and turn in lab exercises. Assignments turned in late will be lowered one grade per week and will not be accepted beyond two weeks late. All assignments must carefully follow file management and format guidelines. Instructions for the term projects will be available at a later date. But, in general, will include demonstrated and learned techniques from all course work to date.

Quizzes will be administered throughout the semester from assigned online module content, consisting of multiple choice/answer and true/false questions. Quizzes and tests must be taken during the scheduled times and cannot be made up at a later date.

Attendance is taken each class and will count towards your final participation point grade. After one absence your overall participation grade points will be lowered one point for each additional absence. Because of the importance of hands on experience with this subject, attendance to all classes is the only method of understanding the concepts of these specialized topics.

Grading Summary:

ITEM	Point Value	Grading Criteria
1. Participation	16 pts/%	See Syllabus for details
2. Quizzes	24 pts/%	Total question possible/total % correct
3. Lab Exercises	30 pts/%	Timely submission, complete as directed
4. Final Term Project	30 pts/%	Follow outline directions and timely submission

***Please be advised anyone found surfing the web will be asked to leave the class. Before you can be readmitted to the class you must meet with the program chair.

Class Materials:

1. Reference headphones are required and should be brought to all classes. Must have ¼" connector or adapter. No ear buds. All assignments will be evaluated using AKG 240M or Sony MDR 7506 reference headphones!
2. USB Memory Stick

Communication:
Please make it a daily habit to use/check your USC E-mail account. Any E-mails I send to the class will use that account. ***Please add "245" in the subject header of all emails that you send me*** This will help me to organize all the emails that I receive and respond to you more quickly.

Blackboard:
In addition all course materials and class grades will be posted on Blackboard (http://blackboard.usc.edu). For example the course syllabus can be found under Course Syllabus, lecture notes under Course Content, and exercise and project instructions under Assignments.

Disabilities:
Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be sure the letter is delivered to me as early in the semester as possible. DSP is located in STU 301 and is open 8:30 a.m.-5:00 p.m. Monday through Friday. The phone number for DSP is 213/740-0776.

Academic Integrity:
Academic Integrity-Students are expected to adhere to the Academic Integrity Guidelines of USC as outlined in the current edition of SCampus. Work found to contain plagiarized or uncited materials would be referred to the USC Office of Student Conduct for review. Academic Integrity violations will result in a failing grade for submitted material and for the course, and dismissal from the Music Industry Program for majors and minors.

Class Schedule (Schedule and Content Subject to Instructor Change)

Week	Topic	Module Content
1	Fundamentals of Logic Pro Introduction to DAW and computer lab environment	Blackboard Quiz
2	Drum Elements – Using Drummer Lab 1	
3	Drummer II – Advanced Drummer Techniques and Drum Designer Lab 2	Module Quiz 1 – From provided Blackboard Content
4	MIDI Production I – ES1 and Foundation of Bass elements Lab 3	
5	MIDI Production II – Harmonic Elements and EX24 Lab 4	
6	MIDI Production III – Importing and Exporting MIDI files, working with Topline Melodies, Advanced Synthesis Techniques Lab 5	Module Quiz 2 – From provided Blackboard Conte
7	MIDI EFX, Effects Processing Basic Mixing Techniques, Bouncing Project Finishing The Session Lab 6	
8	(Last class meeting) Final Project Due	Logic Pro Quiz 3 – From provided Blackboard Content