Syllabus: MTEC 478, Advanced Multichannel Remix

Instructor:
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Mailbox: TMC 118
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Office Hours: By appointment

Prerequisite Classes: MTEC 275 Fundamentals of Audio Engineering and MTEC 446A Computer Assisted Recording and Editing

Text: (Optional) Mixing Audio: Concepts, Practices and Tools by Roey Izhaki
(Optional) Mixing Secrets for the Small Studio by Mike Senior

Other resources:
http://www.soundonsound.com/
http://www.cambridge-mt.com/MixingSecrets.htm
http://mixonline.com/
https://blackboard.usc.edu (Lynda.com)
Pensado's Place {Into The Lair}
https://www.youtube.com/user/PensadosPlace/videos
101 Mixing Tricks
https://www.youtube.com/channel/UCKy2GMVOA392OYDi-y_Pzrw/videos

Course Description:
MTEC 478 is an advanced study of the techniques required to mix multichannel sources to professional standards. Topics will include critical listening, monitor setup, levels, panning, frequency control, dynamics, phase, enhancement, and space. The class will also cover different mixing philosophies, layouts, and approaches, which change depending on the style of music and desired result. Final mix down formats that are ready for mastering will also be discussed, including full mix, alternate version, a cappella, instrumental, TV, and stems. At the end of this class students will have a better understanding of level of detail needed to make professional sounding mixes

Requirements, Exams and Grading Information:
Student evaluation in 478 will consist of a variety of work. Project exercises stressing concepts will be assigned in class, and must be turned in as specified. Mixing projects will consist of assignments and in-lab demonstrations of concepts discussed. Concise instructions for all exercises will be available at a later date.

Attendance will be taken each class and will count towards your final grade. After three absences your grade will be lowered one-half grade for each additional absence. Because of the importance of hands-on experience with this subject, participation in all classes and labs is the only method of understanding the concepts of this topic.

Blackboard:
Course materials, documentation and grades will be posted on Blackboard at **https://blackboard.usc.edu/**. All e-mail correspondence regarding the class will be sent to USC accounts only, so please check yours regularly!

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 (or to TA) 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, http://sait.usc.edu/academicsupport/centerprograms/dsp/home_index.html.

Academic Integrity:

USC seeks to maintain an optimal learning environment. General principles of academic honesty include the concept of respect for the intellectual property of others, the expectation that individual work will be submitted unless otherwise allowed by an instructor, and the obligations both to protect one's own academic work from misuse by others as well as to avoid using another's work as one's own. All students are expected to understand and abide by these principles. Scampus (scampus.usc.edu), the Student Guidebook, contains the Student Conduct Code in Section 11.00, while the recommended sanctions are located in Appendix A: http://scampus.usc.edu/1100-behavior-violating-university-standards-and-appropriate-sanctions/. Students will be referred to the Office of Student Judicial Affairs and Community Standards for further review, should there be any suspicion of academic dishonesty. The Review process can be found at: http://www.usc.edu/student-affairs/SJACS/.

Grading:

1. Drum project 10%
2. Mix Project Number 1 15%
3. Mix Project Number 2 15%
4. Project Evaluations 15%
5. Project Write Ups 10%
6. Final Mix Project 25%
7. Class and Lab Participation 10%

GRADING SCALE	
100 - 94	A
93 – 90	A-
89 - 87	B+
86 - 83	B
82 - 80	B-
79 - 77	C+
76 - 73	C
72 - 70	C-
69 - 67	D+
66 - 64	D
63 - 60	D-
Below 60	F

Class Schedule:

Date	Topic
12-Jan	Introduction & Basics
19-Jan	Monitoring
26-Jan	Balance and Pan
2-Feb	Frequency Range
9-Feb	Dynamics
16-Feb	Adding Effects
23-Feb	Mix 1 Evaluations
2-Mar	Interest
9-Mar	Mix Down
16-Mar	**Spring Break**
23-Mar	Mix Evaluations
30-Mar	Mastering
6-Apr	Automation
13-Apr	Final Mix Submission
20-Apr	Mix
27-Apr	Final Mix Review
4-May	**Final Mix Evaluation - 7:00pm**