

Electro-Acoustic Music III

MUS 432 01

Tuesday & Thursday 2:00 – 3:45 p.m.

4 credits

Location: T-38 Computer Studio

Instructor: Steven M. Miller

Office: T-38 #102

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www: <http://music.csf.edu/steven.html>

Semester Schedule:

We will cover the following topics in order, with pace to be determined by class progress:

<u>Topic/Reading</u>	<u>Book</u>	<u>Chapter</u>
Introduction to Sound Design in Csound	Csound Book	1
Boulanger Csound Tutorials	online	
Fundamentals of Digital Audio	Computer Music	3
Synthesis Fundamentals	Computer Music	4
FM Synthesis in Csound	Csound Book	12
Synthesis Using Distortion Techniques	Computer Music	5 pp. 115-139
Granular Synthesis in Csound	Csound Book	13
Granular Synthesis	Computer Music	8
FOF and FOG Synthesis in Csound	Csound Book	14

Some significant dates during the semester are as follows:

Week	Date	Description & Reading Assignments
1	Aug 26	Introductions, syllabus, course objectives, etc. Introductory listening
8	Oct 14 Oct 16	Midterm (vocabulary & concepts) Listening: Class midterm projects (Etudes based on modified tutorials)
14	Nov 27	No class – Thanksgiving break
15	Dec 2 Dec 4	Review for Final Exam Listening: Final projects
16	Dec 12	Final exam @ 8:00 a.m.