

Electroacoustic Music II

MUS 333 01

4 credits

Tuesday & Thursday 9:00 – 10:45 AM

Location: Benildus 245 - Computer Lab

Instructor: Steven M. Miller

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Semester Schedule

Week	Date	Description & Reading Assignments
1	16 Jan	Introduction, syllabus, etc. Overview of Max/MSP, Lab MIDI setup, etc. Project 1 – discussion & lab work
	18 Jan	Project 1 – lab work
2	23 Jan	Fundamentals of Digital Audio Reading: Digital Audio, Computer Music & Synthesis Fundamentals
	25 Jan	Project 1 – due; in-class demos
3	30 Jan	Project 2 – discussion & lab work
	1 Feb	Project 2 – lab work
4	6 Feb	Computer Music; Historical Overview Reading: Electric Sound Chapters 5, 6, 7
	8 Feb	Project 2 – lab work
5	13 Feb	Project 2 – due; in-class demos
	15 Feb	Project 3 (Midterm) – discussion & lab work Reading: Reverberation and Spatialization OR Pitch Shifting
6	20 Feb	Project 3 (Midterm) – lab work
	22 Feb	Interactive Music; Historical Overview 1 Read: Electric Sound Chs. 8 & 9
7	27 Feb	Guest Presentation: David Dunn
	1 Mar	Project 3 (Midterm) – lab work Attend SFIFEM performances – 7:30 PM @ CMP performance space
	2 Mar	Attend SFIFEM performances – 7:30 PM @ CMP performance space
	3 Mar	Attend SFIFEM performances – 7:30 PM @ CMP performance space
8	6 Mar	Project 3 (Midterm) – lab work
	8 Mar	Midterm Projects due; in-class demos
9	13 Mar	Spring Break – No Classes
	15 Mar	Spring Break – No Classes

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10	20 Mar	Project 4 – discussion & lab work
	22 Mar	Reading: FM Synthesis, OR Waveshaping, OR Granular Synthesis Project 4 – lab work
11	27 Mar	Interactive Music; An Overview
	29 Mar	Read: Interactive Music Chs. 1 & 2 Project 4 – lab work
12	3 Apr	Computer Listening & Composing
	5 Apr	Read: Interactive Music Ch. 6 & 7 Project 4 – due; in-class demos
13	10 Apr	Project 5 (Final) – discussion & lab work
	12 Apr	Interactive Music; Historical Overview 2 Read: Electric Sound Chs. 10 & 11
14	17 Apr	Project 5 (Final) – lab work
	19 Apr	Sound Design for Interactive Works Read: Interactive Music Ch. 8
15	24 Apr	Project 5 (Final) – lab work
	26 Apr	Score Objects Read: Interactive Music Ch. 9
16	1 May	Project 5 (Final) – lab work
	3 May	Final Projects in-class demos
17	9 May	Noon: Final Projects due (papers, etc.)