

Electroacoustic Music I
MUS 332 01

Tuesday & Thursday 9:00 a.m. – 10:45 a.m.
4 credits
Location: Benildus 238 (Composition Studio)

Instructor: Steven M. Miller

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Course Semester Schedule

Week	Date	Description & Reading Assignments
1	Jan 22 Jan 24	Introductions, syllabus/schedule, overview and listening Analog tape recorders, editing, test tones Read: Pellman Ch. 2
2	Jan 29 Jan 31	Acoustics & electronics review Read: Pellman Ch. 1 Tape speed and direction change Assignment 1 due: Editing exercise 1
3	Feb 5 Feb 7	Early Electronic Music and Musique Concrète Read: Manning Ch. 1, 2 Pellman Guide for Listening p. 52 - Schaeffer Tape loops Assignment 2 due: Editing exercise 2
4	Feb 12 Feb 14	Elektronische Musik and related developments Read: Manning Ch. 3, 4 Pellman Guide for Listening p. 348 - Stockhausen Multitrack recording Read: Pellman, pp. 92-102 Assignment 3 due: Editing exercise 3
5	Feb 19 Feb 21	Tape Music 1 Read: Manning Ch. 5 Pellman Guide for Listening p. 56 - Ussachevsky and Luening Pellman Guide for Listening p. 329 - Varèse Mixing Read: Pellman pp. 102-113 Assignment 4 due: Musique concrète etude
6	Feb 26 Feb 28	Signal Processing 1: Reverb and Delay Read; Pellman pp. 81-92 and 113-120 Signal Processing 2: EQ and Panning Assignment 5 due: Mixing exercise
7	Mar 4 Mar 6	Midterm exam review Signal Processing 3: Complex Processing Chains Assignment 6 due: Processing exercise

8	Mar 11 Mar 13	Midterm exam Listening & Discussion Midterm project due: Tape music composition
9	Mar 17-21	Spring Break
10	Mar 25 Mar 27	Analog Synthesis Overview & Patch Notation Read: Pellman Ch. 8 The Basic VCO-VCF-VCA Patch Read: Pellman pp. 230-242
11	Apr 1 Apr 3	Analog Electronic Music Read: Manning Ch. 6 Pellman Guide for Listening p. 256 - Subotnick Control Voltage Sources & Applications Read: Pellman pp. 242-261 Assignment 7 due: Analog Synthesis 1
12	Apr 8 Apr 10	Tape Music 2 and Live Electronic Music Read: Manning Ch. 7, 8 Trigger and Gate Sources & Applications Assignment 8 due: Analog Synthesis 2
13	Apr 15 Apr 17	Timbre Read: Pellman Ch. 7 Advanced CV Techniques and External Inputs Assignment 9 due: Analog Synthesis 3
14	Apr 22 Apr 24	Student Presentations: Final Compositions Student Presentations: Final Compositions
15	Apr 29 May 5	Final exam review Listening & Discussion Final project due: Midterm composition
16	May 14	Final Exam - 1:30-3:30