

025:251 COMPOSITION: ELECTRONIC MEDIA II

Professor Fritts

Spring 1998

Purpose: To learn how to use Kyma, Studio Vision, SGI software, analog processing equipment, and voltage-controlled synthesizers as compositional tools. Lectures and assignments will emphasize the compositional uses of this hardware and software.

Grading: Final grades will be based on the following criteria:

<u>Class Presentations:</u>	20%
<u>Assignments:</u>	20
<u>Final Composition:</u>	
1' version:	10
3' version:	10
Final version w/score:	30
Studio Recording:	<u>10</u>
	100

Class Presentations: Students will develop their teaching skills by giving presentations on software, hardware, and other aspects of electronic music composition. Software demonstrations should include handouts with screen snapshots as well as prepared audio examples.

Assignments: The primary purpose of the assignments given throughout the semester will be to generate compositional material for the final composition.

Final Composition: The final composition should be a piece for live instrument (ensemble, voice, etc.) and stereo digital tape. The duration must be at least 5'. The timetable above gives the dates by which working versions of the piece must be ready. Each working version should consist of a MIDI-sequenced version of the live instrumental part synced with the digital audio tape part. The final version should include a score.

Calendar

Jan. 21	Intro to Kyma
Jan. 26	Spectral functions in Kyma.
Jan. 28	Spectral functions in Kyma.
Feb. 2	Intro to CyberSynth and Studio Vision.
Feb. 4	Note entry in Vision.
Feb. 9	MIDI controllers in Vision.
Feb. 11	Kyma synthesis.
Feb. 16	Kyma synthesis.
Feb. 18	Kyma synthesis and processing.
Feb. 23	1' of composition.
Feb. 25	SGI processing.
Mar. 2	SGI processing.

Mar. 4 SGI processing.
Mar. 9 Individual lessons.
Mar. 11 Individual lessons.
Mar. 16 **Spring break**
Mar. 18 **Spring break**
Mar. 23 **3' of Final Composition.**
Mar. 25 Analog processing.
Mar. 30 Analog processing.
Apr. 6 Analog synthesis.
Apr. 8 Analog synthesis.
Apr. 13 Individual lessons.
Apr. 15 Individual lessons.
Apr. 20 Recording techniques.
Apr. 22 **5' of Final Composition with score and tape.**
Apr. 27 Individual lessons.
Apr. 29 **Studio Recording of Final Composition.**
May 4 Special topics.
May 6 Special topics.
May 11 **Concert, 8:00 PM Clapp.**