

INTRODUCTION TO ELECTRONIC MUSIC - MTC 362 001, Spring 2005.

Instructor: H.M. Midgley

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Office: Room 310 A Fine Arts Building., 3rd Floor inside the MIDI Lab

Class Time and Place : 2-3:15 P.M. Tuesday (Lecture) Thursday (Lab and group work) - FA 310

Class Goals: The goal of this class is for you to learn how to enjoy music by composing your own music with the use of music technology.

Texts: No text is required. The best way to learn about music technology is to get hands on experience. All equipment manuals are available and you will learn through them while at a computer.

Journal Notebook: You will need to keep a notebook since technical explanations can be rather difficult to understand at first. You will also need the notebook to keep a record of the sounds you're using for your composition. The other purpose of Journal Notebook is so that you can keep a log of lab hours that you work each week.

Class Attendance: I expect you to be present, and on time at all class meetings. Three unexcused absences will cut your final grade by one letter, four by two letters, etc. This includes lab sessions. You are responsible for all notes, power point presentations, recordings, films/videos presented in class. Due the size of this class, no talking, sleeping, eating, reading newspapers during class will be tolerated. All of these activities disrupt the educational process. If these common courtesies are not observed, you will be invited to leave the class. I will take roll by having you turn in a paper on what you learn the day of lecture. You can not make this up, either you were in class or you were not.

You can not make up missed Group work and Skill test. (Come to Class!)

Materials:

1) 4 CD-Rs to turn in your projects on or to take home and listen to after a session.

2) You will need one 3 1/2" disk for the MAC sequencer program and one or two of the same type for the Roland S-550. These are available in the bookstore. OR a USB Thumb Drive.

3) Journal Notebook

Grading:

Grading Scale:

CD Reviews-15% 90-100=A

Papers -5% 80-89 =B

Journal Notebook- 5% 70-79 =C

Lab Hours Report – 60-69 =D

Mid-Term -10% 00-59 =F

Final Project- 25%

Group Projects- 25% Keyboard Skills 10% Web Search 5%

The Journal Notebook should contain any notes that you have taking during the semester from class room instruction. It should also contain any thoughts that you have on the compositional process that you are using. Also the Journal Notebook needs to have all of the lab hours that you have attended. Remember that you need at least *two hours a week* of lab time. Please have all of your Journal Notebook entries have the date that they were written.

The Mid-Term project will be a 2-5 minute composition. It will be due the week of mid-term. **The Final project** will be a 3-10 minute composition will be due on the day of the final . These projects should be original, composed and produced by you . You may want to collaborate with somebody else on another project, but the mid-term and the final project should be only one person's work . Frequently, some of you will get together and help each other and that's O.K. But I want to know that each of you understands how to operate the computer, the RS-50, the Peavy 8-channel mixer and, the S-550, and the *Performer* sequencing program on the MAC. You may also use your own equipment to do your projects, but make sure you use it in conjunction with the equipment in the lab.

Attendance & Lab-time: You will need to sign up for two or three hours of lab time per week. These two hours can be at any time that's convenient for you. After you've learned something about each piece of equipment, you might want to go over to another station when there is time and check out the other equipment. You will be using head phones while you work in the lab. They're very lightweight to help keep your neck from getting tired, but they're also quite fragile. I will generally be around to help you if you have any problems (and there will be quite a few at first) during your lab times. Don't hesitate to ask me for help.

Please don't re-route (unplug, re-plug, de-plug, etc.) any equipment through the Mixer. The next person to use the lab will have no idea of what's going on. If you want to plug your own equipment into the mixer; there are some empty ports. You will need MONO 1/4" jacks to patch in. Be sure and unplug your equipment when you are finished each time and be careful not to knock anything over!

This class may be repeated for credit.

Students with documented disabilities who need course adaptations or accommodations please make an appointment with me as soon as possible.

The syllabus may be amended at anytime due to the overall performance of the class.

Student/Learning Outcomes: What students should know or be able to do as a result of this course:

- 1) The student will demonstrate the skill of using midi software
- 2) The student will demonstrate basic knowledge about midi
- 3) The student will demonstrate the skill of composing their own songs using music technology software
- 4) Through group work, students will demonstrate the ability to create music with other students
- 5) Through group work, students will demonstrate the ability analyze and critic other students' compositions
- 6) The student will demonstrate basic computer skills
- 7) The student will be encouraged to develop the skill of time management by preparing for class during their lab hours
- 8) The student will be encouraged to develop the basic piano skills
- 9) The student will be encouraged to develop an interest in diverse music genres
- 10) The student will be encouraged to develop basic skills to make audio CDs

Week			
1	Introduction to MIDI: internet Search on What is MIDI		January 25
2	Sequencer: Performer Basics		February 1
3	Sequencer: Performer Cut and Paste- Over Dub Recording		February 8
4	Sequencer: Performer Looping vs Cut and Paste		February 15
5	Sequencer: Performer Quantize- Midi Mixer		February 22
6	Sequencer: Performer Editing- Notation		March 1
7	Sequencer: Performer Step Time- Mult-Record		March 8
8	Midterm- Make MIDI files into MP3 using QuickTime Pro- GarageBand basics I		March 22
9	Sequencer: Performer How to use MIDI files off the Web- GarageBand basics II		March 29
10	Digital Recording: Protocols Basics- GarageBand Advance I		April 5
11	Digital Recording: Protocols Tracks- Recording- GarageBand Advance II		April 12
12	Digital Recording: Protocols Mixing- GarageBand Advance III		April 19
13	Digital Recording: Protocols Bounce a file to a CD- GarageBand Advance IV		April 26
14	Digital Recording: Change a Wav File Wav Editor		May 3
15	Digital Recording: Wav to a MP3		May 3
Final	Final Paper: How can you use this Class in your life? What did you learn from this Class?		May 12

Projects			
1	5%	What is Midi Web Search (1 page Essay)	January 25
2	5%	Group Project 1- Drum Beat I	February 1
3	5%	Piano Skills I (Triads, Major Scale)	February 8
4	5%	CD Review 1	February 15
5	5%	Group Project 2- Drum Beat II	February 22
6	5%	Group Project 3- Instrumental I	March 1
7	10%	Mid Term Project – (2 plus minutes long)	March 8
8	5%	Piano Skills II(Pentatonic Scale and I- IV- V chords)	March 22
9	5%	Group Project 4- Instrumental II	March 29
10	5%	CD Review 2	April 5
11	5%	CD Review 3	April 12
12	5%	Group Project 5- Song (with words) make a CD as a group	April 19
13		Midi Files (How to find them)	April 26
14	25%	Final Project - (3 plus minutes long.)	
15	5%	Paper – Due day of the Final (2-3 pages typed)	May 3
	5%	Notebook- Due day of Final (Note and Papers in a Folder) and Lab Hours Report - Due day of Final (Week List of the Hours of Lab time)	May 12
	up to 10%	Extra Credit - CD reviews- papers- powerpoint- etc	Due day of Final May 12