

SURVEY OF DIGITAL MUSIC

Edmonds Community College, Fall 2007

MUSIC 126 section A (5 hours)

Instructor: Jonathan Haek

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Office: MIC 130

Office Hours: M-F 9:30-10:20, and by appointment

Telephone: 425.640.1648

Meeting Times:

Monday – Friday, 8:30-9:20 PM, MIC 109

Course Description:

Study of synthesizers and the use of computers in music. All major forms of synthesis are demonstrated and explored. The complete MIDI specification is covered, including networking aspects of hardware and software. No prior knowledge of music or electronics is required.

Objectives:

Upon successful completion of this course, students will be able to:

- Define and discuss sound and waveform terminology and concepts.
- Identify the functions of basic synthesizer components.
- Apply basic synthesizer programming techniques to create a desired sound.
- Define and discuss the terms and concepts used in digital sampling and advanced sound synthesis.
- Define the components of the MIDI specification.
- Successfully network MIDI equipment.
- Define and discuss different types of MIDI and digital audio software.
- Discuss the application of MIDI to video/film scoring and other creative endeavours.

Grading:

Quizzes (3)	45%
Final Paper	20%
Final Exam	20%
Participation	15%

IMPORTANT:

- Since this course entirely depends on in class demonstrations and discussion, attendance is extremely important. In order to receive full credit for the participation portion of your grade, **attendance and participation in ALL class periods is mandatory.**
- Excused absences must be approved by me **IN ADVANCE**, and include, but are not limited to, death in the family, hospitalization, and participation in mandatory College sponsored activities. An **occasional** absence due to sickness may be excused, provided that notice is given **PRIOR** to the class to be missed (via e-mail) and a doctor's note is supplied, if requested.
- **You MUST be present for the final class period: no make-ups will be given.**
- **Do NOT bring cell phones, pagers, or other electronic devices to class.** If you must, do not leave them in silent/vibrate mode, **turn them OFF.** We will observe a zero-tolerance policy for beeps, rings, and buzzes.
- V or I grades will be issued at the instructor's discretion. See <http://policies.edcc.edu/_academic/student_grades.php> for more information.
- If you require accommodation for a disability, please contact Services for Students with Disabilities at MLT 159, 425.640.1320, ssdmail@edcc.edu.

Weekly Schedule (subject to change):

Week 1

9/24 Welcome. Syllabus.
9/25-28 History of Electronic Music.

Week 2

10/1-5 Sound and Waveform Terminology.

Week 3

10/8-11 Synthesizers.
10/12 **No School: HOLIDAY.**

Week 4

10/15-17 Sound Synthesis.
10/18 Review for Quiz.
10/19 **Quiz 1.**

Week 5

10/22-24 MIDI Hardware.
10/25-26 MIDI Messages.

Week 6

10/29-31 MIDI Messages.
11/1 Review for Quiz.
11/2 **Quiz 2.**

Week 7

11/5 **Paper Proposal Due.** Digital Audio.
11/6-9 Digital Audio.

Week 8

11/12 **No School: VETERANS DAY.**
11/13-16 Audio Software.

Week 9

11/19-20 Audio Software.
11/21-23 **No School: THANKSGIVING HOLIDAY.**

Week 10

11/26-28 MIDI Applications to Video/Film Scoring.
11/29 Review for Quiz.
11/30 **Quiz 3.**

Week 11

12/3 Other MIDI Applications.
12/7 Course Review.

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