MIDI APPLICATIONS I (THEORY & LAB)

University of Oklahoma, Fall 2005

MUTK 2263/MUTH 5970 (3 hours)

Instructor: Jonathan Haek

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Office: CMC 202D

Office Hours: By appointment

Telephone: 325-5968

Meeting Times:

Every Tuesday and Thursday, 11:30-1:20, CMC 006A

Materials:

- Headphones with 1/4" stereo (TRS) plug
- CD-RW or Flash/Jump Drive (64/128 Mb is plenty)
- There is no required textbook for this course.
- *MIDI: A Comprehensive Introduction, 2nd Edition* by Joseph Rothstein will be available on reserve in the Fine Arts Library.
- Several manuals are available in the MIDI lab, including manuals for the K2VX, the G-Mega, Digital Performer, and Finale. **These may not be removed from the lab.**
- Be sure to bring paper, pencil, and eraser to class for note taking.

Goal: It is the goal of this course that each student, upon successful completion, have a working knowledge of MIDI technology, and be able to understand and use any piece of MIDI equipment while relying on the owner's manual for the specifics regarding that particular instrument. To reach this goal, each student must successfully accomplish the objectives described below. Accomplishment will be measured in both practical and written quizzes and with assignments as indicated in the weekly schedule.

Objectives:

- Properly configure and connect MIDI and audio components
- Sequence and edit short multi-part musical passages
- Interpret and use Standard MIDI and General MIDI files
- Print a brief musical example
- Describe and explain basic MIDI concepts

Grading:

Assignments	60%
Quizzes	20%
Participation	20%

IMPORTANT:

- Since so much of this course is practical in nature, 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 University 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.
- Assignments are due at the **beginning** of class (11:30) on the date indicated in the weekly schedule. Late assignments will be penalized **10% for each day** or portion of a day that they are late.
- **You MUST be present for the final class period: no make-ups will be given.**
- **Do NOT bring cell phones or pagers to class.** If you must, do not leave them in silent mode, **turn them OFF**. We will observe a zero-tolerance policy for beeps, rings, and buzzes.
- Any student in this course who has a disability that may prevent him or her from fully demonstrating his or her ability should contact me as soon as possible to discuss accommodations necessary to ensure full participation and facilitate your educational opportunities.

Weekly Schedule (subject to change):

Week 1

8/23	Welcome. Syllabus. Introduction to MIDI.
8/25	Introduction to MIDI.

Week 2

8/30	MIDI Hardware.
9/1	MIDI Hardware.

Week 3

9/6	Computers and MIDI. **Configuration and Cabling Quiz.**
9/8	Computers and MIDI.

Week 4

9/13	MIDI Messages.
9/15	MIDI Messages.

Week 5

9/20	MIDI Messages.
9/22	MIDI Messages. **Note Value Assignment Due.**

Week 6

9/27	Anatomy of a MIDI Message.
9/29	Synchronization and MIDI Timecode. **MIDI Message Quiz.**

Week 7

10/4	Sequencing Techniques.
10/6	Sequencing Techniques.

Week 8

10/11	Sequencing Techniques.
10/13	Sequencing Techniques. **Single Voice Sequence Assignment Due.**

Week 9

10/18	Sequencing Techniques.
10/20	Sequencing Techniques.

Week 10

10/25	Sequencing Techniques.
10/27	Sequencing Techniques.

Week 11

11/1	Sequencing Techniques. **Multi-part Sequence Assignment #1 Due.**
11/3	Troubleshooting and Standard/General MIDI.

Week 12

11/8	Computer Notation.
11/10	Computer Notation.

Week 13

11/15	Computer Notation.
11/17	Computer Notation.

Week 14

11/22	Computer Notation. **Multi-part Sequence Assignment #2 Due.**
11/24	**No School: THANKSGIVING.**

Week 15

11/29	Computer Notation.
12/1	Computer Notation.

Week 16

12/6	Computer Notation. **Finale Notation Assignment Due.**
12/8	Course Review.

*******FINAL PERIOD: Friday, December 16, 10:30 am – 12:30 pm.**

Note: Usually, the "theory" portion of class will be the first hour, and the "lab" portion of class will be the second hour. This will change, however, as needed.