

MUM 2623C
MIDI Electronic Musical Instruments
(2006-2)

Instructor: Dr. Richard Rose

Office: 8213 (hours as posted)

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Text: None. You will be directed to selected websites and will receive class handouts.

Materials: Stereo headphones; flash drive; music manuscript paper; graph paper; three-ringed notebook; pencils.

MIDI Lab Manager: Mr. Joseph Espinoza

MIDI Lab phone: 305-237-2791

About MUM 2623C

MUM 2623C MIDI Electronic Musical Instruments is an introductory course designed to familiarize the student with computer-based music production and composition via MIDI, sample-based, and digital audio recording, and music arranging. Specifically, students will be responsible for gaining skills in the operation of sequencing software; gaining skills in the operation of computer-based music production workstations; demonstrating functional knowledge of the piano keyboard and grand staff; demonstrating functional knowledge of music notation; interpreting song sheets; gaining skills in the manipulation of digital audio; demonstrating knowledge of the history and theory of MIDI protocols including timing codes; and gaining knowledge related to the principles of synthesizer design.

Attendance

Class attendance is part of your final grade. Students are allowed 2 absences per semester. Beyond that, absences and tardies will result in a lowered grade. Your third class absence will result in the deduction of 3% of your point total (based upon a 100 point scale). Subsequent absences will each result in a loss of 1% of your point total. Two tardies are equal to one absence. Students are expected to attend all class meetings.

Projects/Assignments

All assignments should be completed by their due dates. Late assignment grades will be reduced by one letter grade. No make-up tests will be allowed; however, at the instructor's discretion, the final test grade may be substituted for one missed exam.

Project grades will not be judged on artistic qualities although stylistic integrity will be part of the overall project evaluation. Project grades will be determined accordingly:

(1) Demonstration and discussion of project procedures; (2) Completion within deadlines; (3) Attainment of minimum expectations.

Grading	Grade scale
Projects = 35%	90-100 = A
Written tests and quizzes = 40%	80-89 = B
Class attendance = 10%	70-79 = C
Lab attendance = 10%	60-69 = D
Participation = 5%	59 or less = F

The MIDI Lab will be open to students currently registered for MUM 2623C, MUM 2600, MUM 2601, MUM 2605, and MUM 2606 only.

Students enrolled in MUM 2623C must complete the following weekly projects which may be assessed by the MIDI Lab Manager. Project content and guidelines may be subject to change.

Proposed MIDI projects	Week
Project setup; Name tracks (4 tracks); Monitor tracks; Add events.	2
Sequence 8 measures of drums from printed music on multiple tracks via pencil tool; Loop drums.	4
Sequence a simple multipart piece via keyboard.	5
Merge week 4&5 projects; Create ending.	6
Add controllers; Doubling parts; Pan and volume via controllers.	7
Create final mix; Export AIFF file	8
Live tracking of drum loop; Quantize and adjust durations and velocities.	9
Add chords and chord patterns (form); 1.5 minute sequence.	10
Sequence bass part from chords.	11
Write and sequence melody; Mix project; Convert to MP3	12
Sync to video; Hitpoints; Markers; Tempo map.	13
Add VST instruments	14
Create sequence from commercial lead sheet.	15

Lab attendance accounts for 10% of your grade. Students attending more than 2 hours of lab per week for more than 10 weeks, as indicated in the lab log and certified by the lab manager or assistant, will receive full credit for lab attendance. Students attending less than 20 hours of open lab will see a lab grade reduction of 1% for every two hours missed.

Rules

1. No food or drinks are allowed in the MIDI studio.
2. Pick up after yourself. Keep the lab clean.
3. Do not bring visitors to the MIDI studio.
4. Treat equipment gently.
5. Work in headphones.
6. Computer files must be stored in assigned folders.
7. Log in and out during open lab times.
8. Conduct yourself professionally at all times.
9. Cell phones and pagers must be off.
10. Back-up all your projects on your own storage

Keys to success

1. Always attend class and labs.
2. Take notes in class and rewrite your notes after class.
3. Write on graph paper when recreating schematics and other diagrams.
4. Know what your music should sound like prior to creating your sequence.
5. Come to lab often and practice your craft.
6. Create your own study guides and practice quizzes.
7. Share ideas with others.
8. Listen the each other's music.
9. Read professional journals.
10. Work beyond minimum expectations.