

NON-LINEAR DIGITAL AUDIO

University of Oklahoma, Fall 2005

MUTH 4970 (3 hours)

Instructor: Jonathan Haek

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Office: CMC 202D

Office Hours: By appointment

Telephone: 325-5968

Meeting Times:

Every Tuesday, 2:30-5:20, CMC 202E

Materials:

- One 3.5" PC-formatted High-Density Floppy Disk
- Several CD-Rs or CD-RWs
- Whatever medium you wish to mix your projects onto (DAT, CD-R)
- There is no required textbook for this course.
- Manuals and documentation for the many pieces of hardware and software are available in the recording studio. These will be important resources and essential reading as you work on your projects, but **they may NOT be removed from the recording studio.**
- 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 digital audio and non-linear digital recording, editing, and mixing techniques. To reach this goal, each student must successfully accomplish the objectives described below. Accomplishment will be measured in both practical and written exams, in-class evaluations, and projects as indicated in the weekly schedule.

Objectives:

- Describe and explain digital audio concepts
- Record single- and multi-track audio
- Edit digital audio using non-linear editing software
- Mix and process digital audio using digital hardware and software

Grading:

Projects	55%
Exams	20%
Participation	25%

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 (2:30) 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.

NOTE: Please help protect the facility and equipment. Do not bring any food or drink into the studio. Do not allow guests and unauthorized persons into the facility. Do not prop open any doors to the studio area. Failure to comply with any of these directives can result in loss of access to the recording studio facility.

Weekly Schedule (subject to change):

Week 1

8/23

Welcome. Syllabus. Introduction to Digital Audio.

Week 2

8/30

[Meet in CMC 139] Digital Audio Theory.

Week 3

9/6

[Meet in CMC 139] Digital Audio Theory.

Week 4

9/13

[Meet in CMC 139] Introduction to Studio. **Digital Audio Exam (10%)**

Week 5

9/20

Recording Techniques.

Week 6

9/27

Recording Techniques. **Single-Track Recording Due (10%)**

Week 7

10/4

Recording Techniques.

Week 8

10/11

Recording Techniques. **Recording Practical Exam (10%)**

Week 9

10/18

Non-linear Digital Editing. **Multi-track Recording Due (15%)**

Week 10

10/25

Non-linear Digital Editing.

Week 11

11/1

Non-linear Digital Editing.

Week 12

11/8

Non-linear Digital Editing. **8 Tracks of Final Project Due (10%)**

Week 13

11/15

Non-linear Digital Editing.

Week 14

11/22

Non-linear Digital Editing.

Week 15

11/29

Course Review.

Week 16

12/6

Final Project Due (20%)

Note: Each class will contain both theoretical and practical experiences. 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.