

## Music 128 Laboratory Assignments

### January

Mon 1/14 First Day of Classes

### Fundamentals of Digital Audio

Wed 1/23 Read: Roads Chapter 1 (Digital Audio Concepts): pp. 1-47

Fri 1/25 Powell 104 Studio: computer, S80, mixing board, Proteus tone module

Mon 1/28 Digital Audio Theory, extracting a bass line and chords from a lead sheet

Wed 1/30 Proteus review, drum synchronization

### Week 3

Fri 2/1 Lab 1.1 is due today

### Week 4

Fri 2/8 Quiz 1 on Chapter 1

### Week 5

Fri 2/15 Reading: Chapter 4 (Sampling and Additive Synthesis): pp. 115-156

Lab 1.2 is due today

### Week 6

Fri 2/22 Quiz 2 on Chapter 4

### Week 7

Fri 2/29 Reading: Roads Chapter 5 (Subtractive Synthesis): pp. 184-96

Roads Chapter 6 (Frequency Modulation): pp. 224-244

Lab 2.1 is due today

### Week 8

Fri 3/7 Quiz 3 on Chapter 5-6

### Week 9

Fri 3/21 Welcome back from SPRING BREAK

Reading: Roads Chapter 9 (Mixing): pp. 355-385

Lab 2.2 is due today

### Week 10

Fri 3/28 Quiz on Chapter 9  
Lab 3.1 is due today

**Week 11**

Fri 4/4

Reading: Roads Chapter 11 (Sound Spatialization and Reverberation): pp. 451-492

Lab 4.1 is due today: Frequency Modulation

**Week 12**

Fri 4/11

Quiz on Chapter 11

Lab 3.3 is due today

**Week 13**

Reading: Roads Chapter 23 (Psychoacoustics): pp. 1054-1069

**Week 14**

Fri 4/25

Quiz on Chapter 23

Lab 4.1 is due today