

025:251 COMPOSITION: ELECTRONIC MEDIA I

Lawrence Fritts

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Office hours: MWF, 12:00-3:30.

Spring 2003

Staff: Tohm Judson at thomas-judson@uiowa.edu
Jean-Paul Perrotte at jean-paul-perrotte@uiowa.edu

Goals: Students will develop skills learned in 025:251 by extending their knowledge and application of sound editing, transformation, and mixing with programs such as Peak, Sound Hack, and Pro Tools. Soundfiles created in those programs will be imported into Max/MSP and the Kyma System for further control and processing. The course will also include EMS concert participation, in-class listening and discussion, and presentation of student works in progress.

Grading: Grades are based on participation/attendance (10%), class presentations (20%), and the final composition (70%). Poor attendance will result in a lower grade.

Final Project: The final project will consist of 5:00 (minimum) work for electronic sound. This may be a CD, 8-channel tape, work for instruments and tape, video, or interactive media. Final compositions due in Professor Fritts's box in 1007 by May 13 at 4:00 PM. Late works will result in a lower grade. CDs, ADATs, and scores must be clearly labeled with typed information including: Composer's Name (as you wish it to appear on a program); Title; Duration; Date (day-month-year).

Class Materials: Students should purchase the following: several Zip disks; blank CDs; and a DVD-RAM disk.

Studio Access: Students will be assigned keys to Studios 1 and 2. Schedules will be posted outside each studio door. Blank schedules are kept in Studio 1 in the main drawer of the desk holding the Arp. To receive keys, send an email to Prof. Fritts at lawrence-fritts@uiowa.edu. You will receive further instructions.

Studio Maintenance: The studios should be kept clean at all times. Furniture and equipment should be symmetrically arranged and dust-free. Food and open drinks should not be consumed in the studios. Bottled drinks should be carefully handled.

Studio Problems: Please report any problems to Tohm or Jean-Paul as soon as they occur, by sending them an email immediately or by leaving a note outside their office in Room 2059. Problems cannot be fixed unless they know about them, so please contact them immediately and describe the problem clearly.

Microphones: Shure SM57 microphones and cables are kept in a drawer of the desk holding the Moog. These are to be used for in-studio recording and may also be checked out. When checking out a microphone, fill in the check out sheet kept in the mic drawer.

Mini-Disk Recorder: Make arrangements with Tohm or Jean-Paul (not Prof. Fritts) about checking out a mini-disk recorder.

Special Needs: I need to hear from anyone who has a disability, which may require some modification of seating, testing or other class requirements so that appropriate arrangements may be made. Please see me after class or during my office hours.

Calendar

- Jan. 22 Studio orientation. Discussion of new research and development plans for the semester. Listening and discussion of recent music.
- Jan. 27-29 Development of music languages and control systems.
- Feb. 2 **Electronic Music Studios Concert**, Clapp Recital Hall, 8:00 PM
- Feb. 3-5 Using the Kyma System.
- Feb. 10-12 Using Max/MSP.
- Feb. 17-19 Composition Critiques
- Feb. 24-26 Combining and transforming sounds in Kyma.
- Feb. 27-28 **Spatial Intersections**: Works by Electronic Music Students and Intermedia Students. Art Museum.
- March 3-5 Combining and transforming sounds in Max/MSP.
- March 10-12 Live microphone processing in Kyma and Max/MSP.
- March 17-19 **Spring Break**
- March 24-26 Live microphone control in Kyma and Max/MSP.
- March 31-Apr. 2 Composition Critiques
- April 5 **Electronic Music Studios Curated Concert**, Florida International Electroacoustic Music Festival
- April 7-9 Workgroup 1: Demonstration of Kyma Project
Workgroup 2: Demonstration of Max/MSP Project
- April 14-16 Workgroup 3: Demonstration of Kyma Project
Workgroup 4: Demonstration of Max/MSP Project
- April 21-23 Discussion of recent electroacoustic music composition in the US and abroad.
- April 28-30 Discussion of recent computer sound research in the US and abroad.
- May 5-7 Composition Critiques
- May 8 **Electronic Music Studios Concert**, Clapp Recital Hall, 8:00 PM
- May 13 Final compositions due in Professor Fritts's box in 1007 by May 13 at 4:00 PM. Late works will result in a lower grade. CDs, ADATs, and scores must be clearly labeled with typed information including: Composer's Name (as you wish it to appear on a program); Title; Duration; Date (day-month-year).