Course Information: MST 712: Advanced Electronic Music. 45 hrs., 3 crs.
Department of Music, Lehman College, Spring 2002

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The study of the electronic equipment and techniques used in commercial and concert music. PREREQ. : Admission to the M.A.T. program.

Most of our efforts this term will be working with digitized audio using Digidesign Pro Tools software and hardware. Pro Tools is the commercial audio industry standard computer-based tool for recording, editing, mixing, and mastering. Students will learn basic editing and digital signal processing skills in this software environment. Most lab sessions will develop these skills in the context of creative compositional exercises. MIDI sequencing software will be explored, as well as synthesis and interactive software from the computer music research community. In addition to obtaining technical competence in the modern digital music studio, our larger objective is to gain an aesthetic awareness and appreciation of the unique co-evolution of technology and creativity inherently expressed in electroacoustic music throughout its history.

Expectations and Grading Scheme: Class attendance, preparation and participation: 25%; weekly homework assignments and studio labs: 20%; Major Project 1: 15%, Major Project 2: 15%, Final Project: 25%.

The Electronic Music Studio policies must strictly be followed. Students must purchase the required materials below.

Required Materials:

Textbook: "*An Introduction to the Creation of Electroacoustic Music*", by Samuel Pellman.
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Blank Compact Media (CD-R format) (At least 20 disks)

Supplementary Reading List:

Optional Recommended Books:

"*Computer Music: Synthesis, Composition, and Performance*", by Charles Dodge, Thomas Jerse
"*Computer Music Tutorial*", by Curtis Roads.