



Courses that may satisfy Supporting Courses and Related Areas for the Minor in Music Technology

The Music Technology minor requires 6 credits from a program list of applicable courses, of which at least 3 credits are at 400 level. Any course in the university that meets the spirit of this requirement in the judgment of the Committee may be used to satisfy this requirement.

Given the interdisciplinary nature of the minor, students will likely have more experience in some areas than others. Different elective tracks will be appropriate for different students, depending on their prior experience and future goals. Students are thus required to have their elective choices approved by the Committee to address their individual needs. The attached list includes courses that may be selected, in consultation with the Committee, to meet this requirement. The program list will be maintained and updated periodically by the Committee. Other courses, including experimental courses (x97 courses) and independent study courses may also be approved to meet this minor requirement.

(NOTE: some courses have pre-requisites; students should consult the instructors to ensure that they meet eligibility requirements before enrolling for courses.)

[INART 055](#) (GA) **HISTORY OF ELECTROACOUSTIC MUSIC** (3) A history of electroacoustic music as a consequence of developments in culture and technology from 1880 to present.

[INART 295](#) **INTERNSHIP** (1 -3) Supervised off-campus, nongroup instruction including field experiences, practica, or internships. Written and oral critique of activity required. Prerequisite: prior approval of proposed assignment by instructor.

[INART 495](#) **INTERNSHIP** (1 -6) Supervised off-campus, nongroup instruction including field experiences, practica, or internships. Written and oral critique of activity required. Prerequisite: prior approval of proposed assignment by instructor.

[MUSIC 267](#) **TECHNIQUES OF COMPOSITION** (2) Basic instruction in the techniques of composition in all idioms. Prerequisite: OR CONCURRENT: [.MUSIC 231](#).

[MUSIC 455](#) **TECHNOLOGY IN MUSIC** (1 - 3) Survey of how musical information is stored and processed in computer systems. Prerequisite: [CMPSC 100](#), [CMPSC 101](#), [CSE 103](#), or [MUSIC 231](#).

[MUSIC 458](#) **ELECTRONIC MUSIC COMPOSITION** (3) Effective Date: SP2006 An introduction to the art of composition in the electronic audio medium. Prerequisite: [INART 258](#).

[MUSIC 459](#) **PROJECT IN ELECTRONIC MUSIC** (1 - 3 per semester, maximum of 12) A studio course in the theory and practice of electronic music. Enrollment is restricted to 10 students. Prerequisite: [MUSIC 458](#).

THEA 485 SOUND FOR THEATRE PRODUCTION (3) Aesthetics of live and recorded sound; recording and editing techniques for the stage. Prerequisite: [THEA 100](#), [THEA 150](#)

[THEA 495](#) **INTERNSHIP PRACTICUM** (1 - 6) Professional field experience in theatre performance, production, and management assignments. Prerequisite: approval of internship by instructor prior to registration

[E E 008S](#) **INTRODUCTION TO DIGITAL MUSIC** (1) First-year seminar that discusses digital music from an electrical engineering perspective; topics include sampling, digital filtering, compression, and music synthesis. Available for first year students only.

[E E 453](#) **FUNDAMENTALS OF DIGITAL SIGNAL PROCESSING** (3) Design of FIR and IIR filters; DFT and its computation via FFT; applications of DFT; filter implementation; finite arithmetic effects. Prerequisite: [E E 317](#) or [E E 351](#)

ACS 097S Audio Engineering – Loudspeakers 1

[ART 201](#) **INTRODUCTION TO COMPUTER GRAPHICS** (3) Art 201 is a studio course introducing the student to graphics applications on the Macintosh computer.

[ART 315](#) **NEW MEDIA ART: NEW MEDIA STUDIO** (4) A studio course concentrating on digital art and new media authoring practices.

[ART 316](#) **VIDEO ART AND TIME-BASED MEDIA** (4 per semester, maximum of 8) A studio course concentrating on video art, new media, and experimental time based work.

[ART 415](#) **INTEGRATING MEDIA: CONVERGENCE IN PRACTICE** (4) A studio course concentrating on the integration of new media technologies in contemporary art practice

[ART 416](#) **NET ART: MULTIMEDIA WEB PUBLISHING** (4) A studio course concentrating on multimedia online "net art" practice and Web publishing

[ART 431](#) **INSTALLATION ART** (4) Study and production of original visual statements through installation work as an art form. Prerequisite: 4 credits of 300-level art, or graduate level status
