MUSIC/TECHNOLOGY (MUTC)

MUTC 101 # - Music and Computer Technology I 3 Credits
Prerequisite(s): Music major or John J Cali School of Music approval.
This course develops an understanding of the influence of technology
upon society in general, and, more particularly, upon the musical culture
and aesthetics of the twentieth century; develops a critical understanding
of concepts such as interactivity in technology, the internet as a global
village, virtual reality, technology and freedom of expression, among
others; demonstrates the relevance and importance of music technology
throughout the various disciplines in music; develops comfort with basic
computer skills; develops individual and collective problem solving skills
involving technology in a variety of computing environments; develops
basic understanding of data structures of computers and networking;
and provides an understanding of various hardware and software
technologies, with a particular emphasis on hardware and software
components involved with music instruction and production such as
instructional software for musicians, data structures for digital audio and
MIDI, music notation software, input devices for music notation, music
sequencing, and desktop publishing for musicians. Meets Gen Ed 2002 -
Computer Science. 3 hours lecture.

MUTC 102 # - Music and Computer Technology II 1 Credit
Prerequisite(s): MUTC 101. Continuation of MUTC 101. In depth look at
digital recording and editing. Hands-on experience with leading music
software. Final multimedia project required. 2 hours lecture.

MUTC 103 # - Introduction to Audio Technology in the Studio I 1 Credit
Prerequisite(s): John J Cali School of Music approval. An introductory
course to audio and recording technology. Focus will include history,
explanation of sound properties, hands-on application using recording
equipment, and experience performing in a studio environment. 2 hours
lecture.

MUTC 104 # - Introduction to Audio Technology in the Studio II 1 Credit
Prerequisite(s): MUTC 103. Continuation of Introduction to Audio
Technology I, with more time spent on recording projects, where students
will gain valuable experience operating sophisticated equipment and
playing in the studio. 2 hours lecture.

MUTC 200 # - Independent Study in Computer Audio Technology 1-2 Credits
Prerequisite(s): MUTC 101 and 102; John J Cali School of Music
approval. Regularly listed courses pursued in greater depth, with the
permission of advisor. May be repeated once for a maximum of 4.0
credits during the program but may be taken only once per semester.

MUTC 211 # - Practicum in Audio Technology 2 Credits
Prerequisite(s): MUTC 103 and 104. Practical applications of techniques
using audio technological equipment.

MUTC 299 # - Independent Study in the Field of Audio Technology 1-2 Credits
Prerequisite(s): MUTC 103 and 104 or John J Cali School of Music
approval. Regularly listed course work pursued in greater depth. May be
repeated once for a maximum of 4.0 credits.

MUTC 400 # - Independent Study in Computer Audio Technology 1-4 Credits
Prerequisite(s): John J Cali School of Music approval. Regularly listed
courses pursued in greater depth, with permission of advisor. May be
repeated three times for a maximum of 16.0 credits during the program
but may be taken only once per semester.

MUTC 402 # - Selected Topics in the Field of Audio Technology 3 Credits
Prerequisite(s): MUTC 103 and MUTC 104. Study of a specific area in the
field of audio technology. May be repeated once for a maximum of 6.0
credits. 3 hours lecture.

MUTC 499 # - Independent Study in the Field of Audio Technology 1-4 Credits
Prerequisite(s): MUTC 103 and 104 or John J Cali School of Music
approval. Regularly listed course work pursued in greater depth. May be
repeated twice for a maximum of 12.0 credits.