

# MUSIC/TECHNOLOGY (MUTC)

## **MUTC 101 Music and Computer Technology I (3 credits)**

Restriction(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 - Computer Science.

## **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.

## **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.

## **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.

## **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 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 MUTC 104. Practical applications of techniques using audio technological equipment.

## **MUTC 279 Creative Web Design and Digital Promotions for Musicians and Audio Professionals (3 credits)**

Prerequisite(s): FMTV 272, MUTC 101, or Departmental Permission. Web Design for Musicians is a comprehensive course tailored to equip aspiring musicians and artists with the essential skills needed to establish a compelling online presence. A well-crafted website serves as the cornerstone for promoting music, engaging with fans, and advancing one's project / career. This course delves into the fundamentals of web design, with a particular focus on utilizing WordPress & Squarespace as a versatile platform for building professional websites. Students will learn practical development skills and presentation techniques required to effectively promote their music online, and cultivate a loyal fanbase in today's competitive digital landscape. Whether aspiring to launch a solo career or enhance a project's online presence, Web Design for Musicians provides the essential toolkit for success in the music industry. Throughout the course, students will explore the core principles of web development, including a focus on HTML and CSS. By mastering these foundational languages, students will be empowered to customize their websites with creative designs and interactive features.

## **MUTC 299 Independent Study in the Field of Audio Technology (1-2 credits)**

Prerequisite(s): MUTC 103 and MUTC 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 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 credits during the program but may be taken only once per semester.

## **MUTC 402 Special 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 credits.

## **MUTC 499 Independent Study in the Field of Audio Technology (1-4 credits)**

Prerequisite(s): MUTC 103 and MUTC 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 credits.