

MUSIC 245 - Introduction to Music Technology

Instructors: Mark Hannesson and Nicolás Arnáez

Prerequisites: ability to read music. Registration priority will be given to BMus (all routes), BMus/BEd, BEd Music Major/Minor, BA (Honors) Music Major and BA Music Major students.

This course is a hands-on look at how the computer is used to make music today. Using Digital Audio Workstations (DAWS) like Logic or Reaper for MIDI sequencing and audio recording, synthesizers and samplers for making and manipulating sounds, and music notation. Along the way we will cover how digital audio works, basic field recording, some of the many synthesis methods, editing and transforming sound on the computer, digital orchestration with MIDI, and a cursory look at notation, interactive software, and cutting edge ways that music technology is used in the world today.