MUSIC THEORY & ANALYSIS (MTA)

MTA 402 - ADVANCED ORCHESTRATION
Scoring for various ensembles with emphasis on larger groups and orchestral writing. Study of representative traditional and contemporary scores, presentations, and arrangement projects.
Credits: 3

MTA 425 - INTRODUCTORY ELECTROACOUSTIC MUSIC
Introduction to music and sonic-art created through the means of electronics and computers. The history and theory of electro-acoustic music, musical acoustics, psychoacoustics, digital audio theory, digital signal processing. Development of listening skills. The main focus is on students’ personal creative projects; students will complete one fixed electronic music project and several assignments on Max/MSP.
Credits: 3

MTA 426 - ELECTROACOUSTIC MUSIC II
Continuation of MTA 425. This class focuses on electro-acoustic music composition in fixed media with one instrument, and a brief introduction to live electronics with one instrument and digital video art using Max/MSP/Jitter. This class is offered in conjunction with the biennial Electro-Acoustic Music Festival where all students’ works will be featured as well as works by guest composers.
Credits: 3
Prerequisites: MTA 425

MTA 495 - INDEPENDENT STUDY
Independent Study.
Credits: 1-3