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 406 - ANALYSIS OF POST-TONAL MUSIC
Major analytical methodologies of the post-tonal era, and their
application to important 20th-21st century compositions. Pitch class set
theory and fixed integer notation; dodecaphonic method and the Second
Viennese School; post-war multi-serialism (Messiaen, Boulez, Stravinsky);
sound mass, micropolyphony, and net-structures (Penderecki, Ligeti);
aleatoricism and textural technique in Lutoslawski; spéctrale; minimalism
as aesthetic, style, and technique; New Complexity and irrational meter;
poly-stylistic, tempo types, contour theory, multimedia, and musical
journalism in the present age (e.g. Gubaidulina, Corigliano, Wolfe, Du
Yun).
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