

# MUSIC THEORY & ANALYSIS (MTA)

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## **MTA 301 - INSTRUMENTATION/ORCHESTRATION**

Study of orchestral instruments, their characteristics and technical capabilities. Analysis of traditional and contemporary orchestral and chamber music; orchestral techniques. Readings of students' orchestrations in class.

Credits: 3

Prerequisites: MUSC 222A and MUSC 222B and MUSC 222C

## **MTA 302 - ADVANCED ORCHESTRATION**

Scoring for various ensembles; emphasis on larger groups. Study of representative contemporary scores.

Credits: 3

Prerequisites: MTA 301

## **MTA 304 - COUNTERPOINT**

Study of contrapuntal practice, forms, and techniques through readings, analysis, and original compositions.

Credits: 3

Prerequisites: MUSC 222A and MUSC 222B

## **MTA 305 - FORM AND ANALYSIS**

Forms, structures, and styles of selected works from 18th through the 20th century. Emphasis on the origins and evolution of organizational approaches and an introduction to current trends in music theory.

Credits: 3

Prerequisites: MUSC 222A and MUSC 222B and ENG 102

## **MTA 325 - INTRO 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

Prerequisites: MUSC 222A and MUSC 222B

## **MTA 326 - ELECTROACOUSTIC MUSIC II**

Continuation of MTA 325. 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: MUSC 222A and MUSC 222B and MUSC 222C and MTA 325

## **MTA 397 - SPECIAL TOPICS**

Enrollment in graduate level coursework. Requires permission of Academic Music Studies Dept. Topics vary by semester.

Credits: 3