THEORY AND COMPOSITION (MTC)

MTC 101. Composition I. 2 Credit Hours.
Course covers elementary principles of composition; class performance of composition projects is also included. Required of theory-composition majors.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MTC 102. Composition II. 2 Credit Hours.
Continuation of MTC 101.
Prerequisite: MTC 101.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 107. Skills Lab I. 1 Credit Hour.
Chamber-music ensemble (vocal or instrumental) for intensive work on aural skills (transcription, sight-singing, etc.), analysis of literature in and through performance, and improvisation, with focus on music of the Baroque and Classical periods.
Components: LAB.
Grading: GRD.
Typically Offered: Fall.

MTC 108. Skills Lab II. 1 Credit Hour.
Chamber-music ensemble (vocal or instrumental) for intensive work on aural skills (transcription, sight-singing, etc.), analysis of literature in and through performance, and improvisation, with focus on music of the Baroque and Classical periods.
Components: LAB.
Grading: GRD.
Typically Offered: Spring.

MTC 109. Music Theory Skills I. 3 Credit Hours.
A first course in music theory and musicianship for non-music majors; covers basic literacy, fundamentals, tonal harmony, and elements of musical form in a wide variety of traditional and contemporary styles and genres. Includes intensive training in aural and singing skills.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MTC 110. Music Theory Skills II. 3 Credit Hours.
Course is designed for students deficient in the knowledge of the basic fundamentals of music. Includes the study of notation, keys, scales, and chord construction. Credits do not count toward music degree requirements.
Prerequisite: MTC 109.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MTC 111. Music Theory I. 1-3 Credit Hours.
Introduction to basic concepts of melody, harmony, rhythm, and formal structure through analysis and writing. Topics include intervals, scales, elementary melodic and four-part writing, phrase structure and cadences, and diatonic harmony. Laboratory: MTC 121.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MTC 12. Composition Forum. 0 Credit Hours.
A weekly forum for all Music Theory/Composition majors, both undergraduate and graduate. Course involves guest lectures by visiting composers and performers, presentations of faculty compositions, and group discussions of important compositional and theoretical issues.
Components: FOR.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 125. The Nature of Music. 3 Credit Hours.
A study of sound, pitch, rhythm, meter, melody, scales, intervals, tempo, expression terms, and highlights of music in history. Enrollment is limited to honors students who are non-music majors.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 140. Experiential Musicianship I. 3 Credit Hours.
Study of tonal harmony, voice leading, and elements of musical form, covering diatonic procedures and basic modulation, using the chorales of J.S. Bach, with other repertoire, as models for composition.
Corequisite: MTC 107.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MTC 141. Experiential Musicianship II. 3 Credit Hours.
Continuation of MTC 140, enlarging the study of tonal harmony and voice leading, covering harmony of the Classical period and sectional musical forms through small rondo and compound ternary, culminating in a large independent model-composition project for each student.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 148. Electronic Music Ensemble. 1 Credit Hour.
An in-depth study and performance of electroacoustic music compositions.
Components: ENS.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 15. Media Writing and Production forum. 0 Credit Hours.
This course provides a weekly forum for sharing information about issues, current developments, and other matters related to commercial music composition and production as a field of study and as a profession. The course is required for all undergraduate MWP majors during each semester.
Components: FOR.
Grading: GRD.
Typically Offered: Fall & Spring.
MTC 182. Composition Workshop. 1 Credit Hour.
Variety of composition concepts and problems are dealt with through assignments and projects with special emphasis on practical considerations.
Components: LAB.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 197. Studio Rhythm Section. 1 Credit Hour.
Components: ENS.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 199. The Other Music Ensemble. 1 Credit Hour.
An in-depth study and performance of 20th century music.
Components: ENS.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 201. Composition III. 2 Credit Hours.
Principles of composition with special emphasis on stylistic considerations.
Prerequisite: MTC 102.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MTC 202. Composition IV. 2 Credit Hours.
Continuation of MTC 201.
Prerequisite: MTC 201.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 203. Pop Composition I. 2 Credit Hours.
Introduces students to the concept of form in commercial music through a survey of representative past and current works. Emphasis is placed on acoustic repertoire. Assignments include lead sheet transcriptions and an introduction to the 3, 4, and 5-piece rhythm section.
Prerequisite: MTC 141.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MTC 204. Pop Composition II. 2 Credit Hours.
Continuation of MTC 203. Survey of lyrics from different pop genres. Compositional assignments are for rhythm section and vocalist, and include the writing and setting of lyrics.
Prerequisite: MTC 203.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 207. Skills Lab III. 1 Credit Hour.
Chamber-music ensemble for intensive work on aural skills (transcription, sight-singing, sight-reading, etc.), analysis of literature excerpts in performance, and improvisation, with focus on tonal music of the Classical period and the nineteenth century.
Components: LAB.
Grading: GRD.
Typically Offered: Fall.

MTC 208. Skills Lab IV. 1 Credit Hour.
Chamber-music ensemble for intensive work on aural skills (transcription, sight-singing, sight-reading, etc.), analysis of literature excerpts in performance, and improvisation, with focus on selected music of the twentieth century.
Components: LAB.
Grading: GRD.
Typically Offered: Spring.

MTC 240. Experiential Musicianship III. 3 Credit Hours.
Continuation of MTC 141; study of advanced tonal harmony, voice leading, and larger musical forms, based primarily on music of the Classical period and the nineteenth century.
Prerequisite: MTC 141.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MTC 241. Experiential Musicianship IV. 3 Credit Hours.
Continuation of MTC 240; study of materials and techniques in composition of music from the early and middle twentieth century, based on works by Debussy, Stravinsky, Schoenberg, Bartok, and other models.
Prerequisite: MTC 240.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 301. Composition V. 2 Credit Hours.
Individual compositional projects with an emphasis on smaller formal structure.
Prerequisite: MTC 202.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 302. Composition VI. 2 Credit Hours.
Individual compositional projects including all media with an emphasis on extended formal structures.
Prerequisite: MTC 302.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 303. Music For Media. 3 Credit Hours.
Project-based lecture course designed to provide students the opportunity to compose and realize a varied array of music projects for media applications including music branding "logos" radio/television ID packages, and 30-second television ads. Particular emphasis is placed on technical considerations, aesthetic issues and the psychology of music as they relate to advertising on radio and television.
Prerequisite: MTC 204.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.
MTC 304. Multimedia Projects. 3 Credit Hours.
Project-based lecture course designed to provide students the opportunity to compose and realize the music for a series of commercial multimedia including television program themes/bumpers, sound design and FX, film trailers, and corporate/industrial videos. Emphasis is placed on making appropriate stylistic and compositional choices, as well as developing real-world deadline/time-management skills.
Prerequisite: MTC 303.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 311. Analysis and Experience. 3 Credit Hours.
Musical analysis and its relationship to listening and performance. An introduction to musical aesthetics is also included.
Prerequisite: MTC 241.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MTC 312. 20th And 21st Century Techniques. 3 Credit Hours.
Analysis of twentieth century compositional resources. Topics include Impressionism, expanded tonal resources, Neo-classicism, serialism, post-serialism, aleatoric procedures, minimalism, and other recent trends.
Prerequisite: MTC 241.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 313. 18th Century Counterpoint. 3 Credit Hours.
Two-part keyboard counterpoint in the style of J. S. Bach, beginning with a modified species approach and including composition of dance-suite movements and inventions. Introduction to three-part writing is also included.
Prerequisite: MTC 240.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 401. Composition VII. 2 Credit Hours.
Individual compositional projects including all media with an emphasis on advanced problems in composition.
Prerequisite: MTC 302.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 402. Composition VIII. 1 Credit Hour.
Advanced Composition. Continuation of MTC 401.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 403. Advanced Music Editing. 3 Credit Hours.
Project-based practicum course designed to provide students the opportunity to compose, record and reproduce a wide variety of music projects that combine the use of pre-existing as well as new musical elements. Particular emphasis is placed on technical considerations, aesthetic issues, and the commercial viability of the end product.
Prerequisite: MTC 304.
Components: PRA.
Grading: GRD.
Typically Offered: Fall.

MTC 404. Live Performance Musical Direction. 3 Credit Hours.
Project-based practicum course in collaboration with other Performance department, designed to provide students the opportunity to prepare music for a live concert and serve as Musical Director (MD) thereof. Particular emphasis is placed on musical material (repertoire, arrangements, score/parts preparation), rehearsal techniques, and real-time/live performance direction/conducting.
Prerequisite: MTC 403.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 416. Orchestration. 3 Credit Hours.
The uses and possibilities of orchestral instruments as well as scoring for various instrumental groups, including the symphony orchestra.
Prerequisite: MTC 240.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MTC 505. Analysis And History Of Electroacoustic And Acousmatic Music. 2 Credit Hours.
Course examines electroacoustic and acousmatic music from both a historical/literature and analytical perspective. Analytical techniques with a focus on an ecological analysis approach will be conducted as well as a survey of electroacoustic, acousmatic, and digital music.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.
MTC 506. DIGITAL EDITING AND SEQUENCING. 3 Credit Hours.
Computers as control devices for music synthesis and digital manipulation of pre-recorded sounds. Topics include interfacing sequencing software with software synthesizers, performance techniques, and sound design using samples.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 507. Studio Licensing. 2 Credit Hours.
Licensing for access to Digital Arts and Media Writing Studios. Topics covered include digital audio recording and editing, sound synthesis/design, audio signal processing, sound analysis and spatial placement of sound. Course includes studio-use qualifying exams.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 511. Film Scoring I. 3 Credit Hours.
Seminar in the aesthetics and psychology of mood music, sound-film synchronization, timing techniques, and scoring procedures. Analysis and performance of student projects is included.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MTC 512. Film Scoring II. 3 Credit Hours.
Adaptation of previous semester's techniques to television scripts and performed music. Pre-recording, direct recording, and dubbing procedures are included as well as preparation and performance of complete film cues. Each student is required to conduct his/her project.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 515. Choral Arranging. 3 Credit Hours.
Arranging for choir and vocal groups with and without instrumental accompaniment in all styles.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 516. Advanced Orchestration. 3 Credit Hours.
Scoring for the symphonic orchestra with an emphasis on recent techniques.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 517. Analysis Of Popular Music Since 1950. 3 Credit Hours.
Course examines popular music in the second half of the Twentieth Century from a music analytical perspective. Critical skills needed for this analysis are identified and developed. Analytical techniques for understanding the determination and utilization of musical elements and structures in contemporary popular music are applied. Various contemporary genres and some precursors are examined and particular stylistic determinants of their compositional and performance models are discussed.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MTC 518. Advanced Counterpoint. 3 Credit Hours.
Three-voice fugal writing in Bach's style, followed by compositional projects in a variety of twentieth-century contrapuntal styles.
Components: LEC.
Grading: GRD.

MTC 521. Multimedia For Musicians. 3 Credit Hours.
Presents an overview and introduction to the creation of multimedia projects for presentation on the Web. Focus is placed on building websites, and the creation of multimedia content for online delivery. Software tools for the manipulation of digital media, including audio and video, are utilized in the realization of course projects.
Components: LEC.
Grading: GRD.

MTC 567. Electronic and Computer Music Seminar. 1-3 Credit Hours.
Advanced techniques and applications in electronic and computer music. Topics may include electronic projects in composition, performance, research, programming, or other as approved by instructor.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 593. SPECIAL PROJECTS IN MUSIC THEORY OR COMPOSITION. 1-3 Credit Hours.
Supervised topics and other activities in specific areas of Music Theory-Composition.
Components: SEM.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MTC 594. SPECIAL TOPICS IN MUSIC THEORY OR COMPOSITION. 1-3 Credit Hours.
Components: LEC.
Grading: GRD.

MTC 601. The Aesthetics Of Music. 3 Credit Hours.
Survey of thought and discourse about the nature, roles, values, experiences, and meanings of music. Variety of perspectives, including those of the listener, performer, and composer are addressed. Application to musical interpretation and criticism is included.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 605. Analysis And History Of Electroacoustic And Acousmatic Music. 2 Credit Hours.
Course examines electroacoustic and acousmatic music from both a historical/literature and analytical perspective. Analytical techniques with a focus on an ecological analysis approach will be conducted as well as a survey of electroacoustic, acousmatic, and digital music.
Components: LEC.
Grading: GRD.
Typically Offered: Winter.
MTC 606. DIGITAL EDITING AND SEQUENCING. 2 Credit Hours.
Computers as control devices for music synthesis and digital manipulation of pre-recorded sounds. Topics include interfacing sequencing software with software synthesizers, performance techniques, and sound design using samples.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 607. Studio Licensing. 2 Credit Hours.
Licensing for access to Digital Arts and Media Writing Studios. Topics covered include digital audio recording and editing, sound synthesis/design, audio signal processing, sound analysis and spatial placement of sound. Course includes studio-use qualifying exams.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 611. Film Scoring I. 3 Credit Hours.
Seminar in the aesthetics and psychology of mood music, sound-film synchronization, timing techniques, and scoring procedures. Analysis and performance of student projects is included.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MTC 612. Film Scoring II. 3 Credit Hours.
Adaptation of previous semester’s techniques to television scripts and performed music. Pre-recording, direct recording, and dubbing procedures are included as well as preparation and performance of complete film cues. Each student is required to conduct his/her project.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 615. Choral Arranging. 3 Credit Hours.
Arranging for choir and vocal groups with and without instrumental accompaniment in all styles.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 616. Advanced Orchestration. 3 Credit Hours.
Scoring for the symphonic orchestra with an emphasis on recent techniques.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 617. Analysis Of Popular Music Since 1950. 3 Credit Hours.
Course examines popular music in the second half of the Twentieth Century from a music analytical perspective. Critical skills needed for this analysis are identified and developed. Analytical techniques for understanding the determination and utilization of musical elements and structures in contemporary popular music are applied. Various contemporary genres and some precursors are examined and particular stylistic determinants of their compositional and performance models are discussed.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MTC 618. Advanced Counterpoint. 3 Credit Hours.
Three-voice fugal writing in Bach’s style, followed by compositional projects in a variety of twentieth-century contrapuntal style
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 621. Multimedia For Musicians. 3 Credit Hours.
Presents an overview and introduction to the creation of multimedia projects for presentation on the Web. Focus is placed on building websites, and the creation of multimedia content for online delivery. Software tools for the manipulation of digital media, including audio and video, are utilized in the realization of course projects.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MTC 667. Electronic and Computer Music Seminar. 1-3 Credit Hours.
Advanced techniques and applications in electronic and computer music. Topics may include electronic projects in composition, performance, research, programming, or other as approved by instructor
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 693. SPECIAL PROJECTS IN MUSIC THEORY OR COMPOSITION. 1-3 Credit Hours.
Supervised topics and other activities in specific areas of Music Theory-Composition
Components: SEM.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MTC 694. SPECIAL TOPICS IN MUSIC THEORY OR COMPOSITION. 1-3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MTC 705. Digital Art And Sound Design. 2 Credit Hours.
Software-based techniques of sound synthesis. Topics will include synthesis using Ircam Tools, Max/Msp, Jitter, Csound, and PureData. Prerequisite: MTC 507.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 711. Theory Pedagogy. 3 Credit Hours.
Seminar in methods and materials pertinent to the teaching of theory in high school and college.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MTC 712. Advanced Comprehensive Theory. 3 Credit Hours.
Melodic, harmonic, and contrapuntal devices as revealed through analysis and applied in composition.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.
MTC 713. Twentieth Century Idioms. 3 Credit Hours.
Relevant modes of perception, influences, and technical devices in 20th century music.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 715. Composition Seminar I. 2 Credit Hours.
Creative work in composition requiring a multi-movement work scored for full orchestra, symphonic band, or chorus with orchestra or band.
Components: LSN.
Grading: GRD.
Typically Offered: Fall.

MTC 716. Composition Seminar II. 2 Credit Hours.
Continuation of MTC 615.
Prerequisite: MTC 615.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 717. Analytical Techniques. 3 Credit Hours.
Examination and practice of various techniques used in the analysis of music.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MTC 719. Introduction to Schenkerian Analysis. 3 Credit Hours.
A first course in the theory and analytical practice of Heinrich Schenker. Students will learn the principles and techniques of Schenkerian analysis and will apply them to the study of works in smaller sectional forms.
Prerequisite: MTC 617.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MTC 730. Introduction To Spectralism. 3 Credit Hours.
To give the student a further understanding of the art and techniques of spectral composition, through listening, research, analysis and composition (optional).
Requisite: Must be in the School of Graduate Music.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MTC 746. Studio Production. 2 Credit Hours.
Recording studio production procedures. Topics include artist and material selection, session planning, and analysis of the producer's role. Course may be repeated for credit.
Components: LAB.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MTC 748. Electronic Music Ensemble. 1 Credit Hour.
Components: ENS.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MTC 752. Research Seminar II. 2 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MTC 763. Virtual Orchestration. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MTC 767. Advanced Electronic and Computer Music Seminar. 1-3 Credit Hours.
Advanced techniques and applications in electronic and computer music. Topics may include electronic projects in composition, performance, research, programming, or other as approved by instructor.
Prerequisites: MTC 505, MTC 506, MTC 507.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 782. Composition Workshop. 1 Credit Hour.
Variety of composition concepts and problems are dealt with through assignments and projects with special emphasis on practical considerations.
Components: LAB.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 793. Special Projects In Music Theory Or Composition. 1-3 Credit Hours.
Projects in any phase of theory-composition in which the student is interested and qualified to work.
Requisites: Graduate Music Students Only and Dean's Approval and Signature.
Components: SEM.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MTC 794. Special Topics In Music Theory Or Composition. 1-3 Credit Hours.
Projects in any phase of theory-composition in which the student is interested and qualified to work.
Requisites: Graduate Music Students Only and Dean's Approval and Signature.
Components: SEM.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MTC 796. Studio Production Ensemble. 1 Credit Hour.
Components: LAB.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MTC 797. Studio Rhythm Section. 1 Credit Hour.
Components: ENS.
Grading: GRD.
Typically Offered: Fall & Spring.

MTC 799. The Other Music Ensemble. 1 Credit Hour.
An in-depth study and performance of 20th century music.
Components: ENS.
Grading: GRD.
Typically Offered: Fall & Spring.
MTC 810. Master’s Thesis. 1-6 Credit Hours.
The student working on his/her master’s thesis enrolls for credit, in most departments not to exceed six, as determined by his/her advisor. Credit is not awarded until the thesis has been accepted.
**Components:** THI.
**Grading:** SUS.
**Typically Offered:** Fall, Spring, & Summer.

MTC 813. Master’s Media Writing Project. 1-3 Credit Hours.
The student working on his/her master’s media writing project enrolls for credit as determined by his/her advisor. Credit is not awarded until the project paper is accepted.
**Components:** THI.
**Grading:** SUS.
**Typically Offered:** Fall, Spring, & Summer.

MTC 820. Research in Residence. 1 Credit Hour.
Used to establish research in residence for the thesis for the master’s degree after the student has enrolled for the permissible cumulative total in MTC 710 (usually six credits). Credit not granted. May be regarded as full-time residence.
**Components:** THI.
**Grading:** SUS.
**Typically Offered:** Fall, Spring, & Summer.

MTC 831. Doctoral Essay. 1-12 Credit Hours.
Required of all candidates for the D.M.A. The student will enroll for credit as determined by his/her advisor, but not for less than a total of 12. Not more than 12 hours of MTC 731 may be taken in a regular semester, nor more than six in a summer session.
**Components:** THI.
**Grading:** SUS.
**Typically Offered:** Fall, Spring, & Summer.

MTC 850. Research in Residence. 1 Credit Hour.
Used to establish research in residence for the Ph.D. and D.M.A., after the student has been enrolled for the permissible cumulative total in appropriate doctoral research. Credit not granted. May be regarded as full-time residence as determined by the Dean of the Graduate School.
**Components:** THI.
**Grading:** SUS.
**Typically Offered:** Fall, Spring, & Summer.