MUSIC MEDIA AND INDUSTRY (MMI)

Department code: MMI.

The Department of Music Media and Industry offers degree programs in the following areas:

- B.M. in Music Business Entertainment Industries with a Business, Communications, or Entertainment-Related Minor.
- B.M. in Musicianship, Artistry Development, and Entrepreneurship with a Minor in Music Business and Entertainment Industries.
- B.M. in Professional Studies
- B.S. in Music Engineering Technology with a Minor in Computer or Electrical Engineering
- B.M. in Media Writing and Production

Minors

- Creative American Music Minor (http://bulletin.miami.edu/undergraduate-academic-programs/music/music-media-industry/creative-american-music-minor)

MMI 102. Record Company Practicum. 1 Credit Hour.
The course focuses on practical techniques and procedures employed by record companies.
Requisite: Frost School of Music.
Components: PRA.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 107. Skills Lab I. 1 Credit Hour.
A Contemporary Performance musical skills ensemble focusing on ear training, transcription, notation, and interactive musicianship for songwriters.
Co-Requisite: MMI 140 must pass with a 2.0.
Components: LAB.
Grading: GRD.
Typically Offered: Fall.

MMI 108. Skills Lab II. 1 Credit Hour.
A Contemporary Performance musical skills ensemble focusing on ear training, transcription, notation, and interactive musicianship for songwriters.
Prerequisite: MMI 141.
Components: LAB.
Grading: GRD.
Typically Offered: Spring.

MMI 13. Music Engineering Forum. 0 Credit Hours.
A weekly forum for all Music Engineering Technology and Audio Engineering majors, both undergraduate and graduate. Presentations include faculty lectures, guest lectures by industry professionals, as well as dissemination of information pertaining to audio studios and laboratories.
Requisite: Plan of Music Engineering.
Components: FOR.
Grading: CNC.
Typically Offered: Fall & Spring.

MMI 139. Small Contemporary Ensemble. 1 Credit Hour.
A performing ensemble of student-generated contemporary musical repertoire.
Components: ENS.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 14. Music Industry Forum. 0 Credit Hours.
A weekly forum for all Music Industry majors, both graduate and undergraduate, for the purpose of updating current teaching material with the latest developments, presentations of guest speakers from the industry, lectures, and reports from faculty on current employment opportunities.
Components: FOR.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 140. Experiential Musicianship I. 3 Credit Hours.
The first of a two-course sequence in music theory, with an overall focus on musicianship for the Contemporary Music student. The course emphasizes theoretical and analytical skills, as well as the connection between analysis and other musical experiences in listening and performance. The student will display a written understanding of the basic building blocks of music, through its more advanced constructions and functions.
Corequisite: MMI 107.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MMI 141. Experiential Musicianship II. 3 Credit Hours.
MMI 141 is the second in a two-course sequence in music theory and musicianship for the Contemporary Music Student. As with MMI 140, the course emphasizes analytical skills and the connections between analysis and other musical experiences in listening and performance. Pre-requisite: MMI 140 And Co-requisite: MMI 108 must pass with 2.0.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MMI 15. Made Forum. 0 Credit Hours.
Requisite: Must have a Plan of MADE.
Components: FOR.
Grading: CNC.
Typically Offered: Fall & Spring.

MMI 151. Desktop Audio Production. 3 Credit Hours.
Introduction to MIDI technology and computer based tools for music production.
Requisite: Plan of MUE or MEC.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MMI 160. Ensemble Recording Workshop I. 3 Credit Hours.
Assisting recording and sound reinforcement engineers in the assigned performance ensemble in both rehearsal and performance. Students also perform i n a studio ensemble where they act as both recording engineer and musician.
Requisite: Plan of MUE or MEC.
Components: LAB.
Grading: GRD.
Typically Offered: Fall & Spring.
MMI 161. Ensemble Recording Workshop II. 3 Credit Hours.
Students are responsible for the audio needs of an assigned ensemble in both rehearsal and performance. Lectures address audio equipment and practices. Students also perform in a studio ensemble where they act as the recording engineer and musician. Open to MUE majors only.
Prerequisite: MMI 160. Requisite: Plan of MUE or MEC.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 171. Music Engineering Laboratory. 1 Credit Hour.
Requisite: MBEI Or MBEC Majors Or MBEI Minors only.
Components: LAB.
Grading: GRD.
Typically Offered: Fall.

MMI 172. Audio Design Workshop III. 1 Credit Hour.
Digital audio system design and architecture including analog-digital conversion, digital I/O hardware specifications, audio effects processors and digital audio recorder alignment techniques. Students design and troubleshoot audio projects including A/D converters, S/PDIF I/O, and DAT recorders. Open to MUE and EAN Majors only.
Requisite: Frost School of Music.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MMI 173. Introduction to the Music Business. 3 Credit Hours.
This course provides students with an overview of the music business and related entrepreneurial fundamentals. Music business topics explored include copyright, publishing, the record business, licensing, the live music industry, and arts administration. Entrepreneurial topics explored include starting a business, accounting and marketing basics, and securing funding.
Requisite: MBEI Or MBEC Majors Or MBEI Minors only.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 178. Entertainment Industry Survey. 3 Credit Hours.
An overview of the entertainment industry. Concentration on the legal, marketing and financial aspects of different areas of the industry including film, television, music, broadcasting, cable, publishing, video games, sports, performing arts, and theme parks.
Requisite: MBEI Or MBEC Majors Or MBEI Minors only.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MMI 201. Introduction to Music Recording. 3 Credit Hours.
An overview study of the theory and practice of music recording, with emphasis on modern recording studio practices. Topics include physics of sound, psychoacoustics, studio design, microphones, loudspeakers, consoles, signal processing, digital audio, MIDI, and synchronization.
Requisite: Must have a plan of MUE or MEC or EAN.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MMI 207. Skills Lab III: American Song Traditions. 1 Credit Hour.
A learning ensemble focusing on the various Anglo-American song traditions from English and Irish folk ballads, through Hymnodies, Old-Time, Bluegrass, Western Swing and Newgrass.
Components: LAB.
Grading: GRD.
Typically Offered: Fall.

MMI 208. Skills Lab IV: American Song Traditions. 1 Credit Hour.
A learning ensemble focusing on the various African-American song traditions from early plantation songs, shouts, hollers, and spirituals, to the development of blues traditions, to gospel.
Components: LAB.
Grading: GRD.
Typically Offered: Spring.

MMI 240. Experiential Musicianship III. 3 Credit Hours.
The study of melodic, harmonic and rhythmic language in jazz and contemporary music using analysis and aural dictation. MMI 207 Skills Lab III, keyboard lab accompanies this course.
Corequisite: MMI 207 SKILLS LAB III.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MMI 241. Experiential Musicianship IV. 3 Credit Hours.
The continuation of MSJ 140/MMI 240 focused on the study of the diminished chord, extensions, modes and upper structure triads. A keyboard lab accompanies this course.
Corequisite: MMI 208 SKILLS LAB IV.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MMI 250. Essential Technologies for Musicians. 3 Credit Hours.
Basic MIDI and digital audio principles from set-up to final mix, recording of live instruments using basic microphone techniques, MIDI sequencing, software synthesizers, basic editing, and audio looping.
Requisite: Frost School of Music.
Components: DIL.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 273. Artist Development and the Live Entertainment Industry. 3 Credit Hours.
Views of the live entertainment industry from the perspective of the performing artist, artist manager, talent agent, attorney, and concert promoter. Consideration is given to the interpersonal, business, and contractual relationships and their impact on the performing artist's career. Strategies for career development are addressed and the ground rules of publicity, public relations, and promotion explored and applied in practical situations through special individual and team projects.
Prerequisites: MMI 173 or MMI 178 or MMI 310. Requisite: MBEI and MBEC majors and MBEI minors only.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.
MMI 274. Introduction to Music Copyright Law. 3 Credit Hours.
This course provides a study of the current U.S. copyright law as it
applies to musical compositions and sound recordings. This course
includes analysis of the modern practices of music licensing for both
digital and physical uses as well as copyright acquisition. Students will
study the various rights of the copyright owner, what can be protected by
copyright, and the duration of copyright. They will learn the formalities
of music copyright including registration and notice. Current music
copyright infringement cases are reviewed along with defenses to
infringement and remedies for infringement. The course also covers
international copyright protection and music copyright as it applies to
digital technologies and distribution.
Requisite: MBEI Or MBEC Majors Or MBEI Minors only.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 307. Skills Lab V: American Pop. 1 Credit Hour.
A learning ensemble focusing on American Popular Music from the
late-1950s to the late-1970s. Students will develop a portfolio of original
songs in modern American styles.
Components: ENS.
Grading: GRD.
Typically Offered: Fall.

MMI 308. Skills Lab VI: American Pop. 1 Credit Hour.
A learning ensemble focusing on American Popular Music from the 1980s
to the present. Students will develop a portfolio of original songs in
modern American styles.
Components: ENS.
Grading: GRD.
Typically Offered: Spring.

MMI 310. Music Business and Entrepreneurship for Musicians. 3 Credit Hours.
This course provides students with an overview of the music business
and related entrepreneurial fundamentals. Music business topics
explored include copyright, publishing, the record business, licensing,
the live music industry, and arts administration. Entrepreneurial topics
explored include starting a business, accounting and marketing basics,
and securing funding.
Requisite: Frost School of Music.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 315. Contemporary Songwriting I. 3 Credit Hours.
Explores modern songwriting techniques, song lyric theory, song form,
melodic development, pop harmony and rhythm & grooves. Students will
analyze a variety of recordings by top modern songwriters. Students will
compose and record a number of original songs for the course.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MMI 320. Contemporary Lyric Writing. 3 Credit Hours.
This course explores modern lyric writing techniques, song lyric theory,
and song form. Students will analyze a variety of lyrics by top modern
songwriters, focusing on their use of literary devices, imagery and
metaphors. Students will compose a number of original lyrics for the
course.
Requisite: Frost School of Music.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MMI 361. Acoustics. 3 Credit Hours.
A study of the theoretical principles of acoustics. Principle topics include
basic properties, acoustical phenomena, superposition, Fourier Theorem,
symmetry, vibrating strings and columns, and musical instruments; a
study of architectural acoustics such as growth and decay, absorption
coefficients, normal modes, diffusion, isolation, and mass law; design
applications such as structural techniques and materials, live end-dead
end, room geometry, tuning, TDS and other measurement techniques.
Prerequisites: MTH 112, PHY 102 or PHY 205. Requisite: Plan of MUE and
MEC.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MMI 378. Music Business Agreements. 3 Credit Hours.
This course explores the legal agreements between different parties in
the music business, such as record companies, recording artists, music
producers, and licensees. Emphasis is placed on the different ways of
contractually addressing intellectual property ownership and usage,
compensation, and exclusive services.
Prerequisite: MMI 173 or MMI 178 or MMI 310 and MMI 274. Requisite:
MBEI and MBEC Majors and MBEI Minors only.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 401. Audio Electronics. 3 Credit Hours.
An introductory course in audio electronics theory and professional
audio applications such as recording studio equipment and audio effects
design. Coursework includes basic electronic components and theories,
passive filtering, transformers, operational amplifiers, vacuum tubes,
non-linear elements including diodes and JFETs, graphic, parametric and
shelving equalizers, compressors, limiters, gates, microphone preamps,
analog effects including reverb, flanging, and chorusing. Students will
design custom audio circuits and use computer simulations to
understand theory of operation.
Requisite: Frost School of Music.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 410. Music Engineering Capstone Project. 3 Credit Hours.
Students in MMI 410 propose and execute a project that represents
the culmination of their learning experiences in the Music Engineering
Program. Students meet as a group with a faculty member of record
each week to Discuss project topics and assess progress. The course
concludes with a public Presentation of the final project.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 436. Audio Postproduction. 3 Credit Hours.
Basic audio for video and film postproduction, including the study of time
code, synchronization, electronic editing, video and film transports, dolby
stereo, equipment interfacing, and future developments.
Prerequisite: MMI 201 and Requisite: MUE and EAN Majors.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.
MMI 445. Senior Project/Portfolio. 1 Credit Hour.
This course is the capstone of the Creative American Music Program. Students will develop a portfolio of recordings of original songs. Students will also be required a public performance of their original songs.
Requisite: must have a major Plan of MBEI with Creative American Music & Business or a minor Plan of Creative American Music.
Components: THI.
Grading: GRD.
Typically Offered: Fall.

MMI 454. Entertainment Industry Practicum. 1 Credit Hour.
Practical experience in an entertainment industry organization.
Requisite: Frost School of Music.
Components: PRA.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 455. Music Business Internship. 2 Credit Hours.
Practical experience in different areas of the music business under the supervision of professional firms and the university.
Requisite: MBEI or MBEC or MADE Majors.
Components: PRA.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 456. Internship in Entertainment Industries II. 0 Credit Hours.
Continuation of MMI 455.
Requisite: Frost School of Music.
Components: THI.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MMI 460. Recital Recording and Sound Reinforcement (Recording Services). 1 Credit Hour.
Practical experience in live concert recording, editing and mastering, and sound reinforcement, under supervision of professional on-campus engineers.
Requisite: Frost School of Music.
Components: PRA.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 465. Internship in Music Engineering. 1-3 Credit Hours.
Practical experience in the music engineering industry such as work in a recording studio, broadcast company, hardware or software manufacturer, under professional supervision.
Requisite: Plan of MUE or MEC.
Components: PRA.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MMI 493. Special Projects in Music Media and Industry. 1-3 Credit Hours.
Advanced individual instruction pertaining to faculty member’s area expertise and student’s area of interest. This course includes a culminating project.
Requisite: Frost School of Music.
Components: IND.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MMI 494. Special Topics in Music Media and Industry. 1-3 Credit Hours.
Advanced group/classroom instruction pertaining to faculty to faculty member’s expertise and students’ areas of interest.
Components: SEM.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MMI 501. Transducer Theory. 3 Credit Hours.
Course covers the fundamentals of electromagnetism and audio transducer theory including loudspeaker and microphone systems. Classical electro-acoustical analysis of transducers including acoustic suspension, bass-reflex, transmission line, electrostatic and horn loudspeakers, dynamic, ribbon and condenser pressure, and pressure-gradient microphones. Students use computer-aided design programs and Thiele-Small parameterization to model loudspeakers and measure loudspeaker responses. Open to MUE and EAN Majors only.
Requisite: MMI 501. Requisite: Plan of MUE and EAN.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MMI 502. Audio Signal Processing I. 3 Credit Hours.
A study of the theory and practice of digital audio topics including discrete time sampling, quantization, dithering, PCM, A/D and D/A conversion, digital filtering, oversampling, modulation codes, timebase, error correction codes, magnetic storage, DAT, and optical storage.
Requisite: MUE and EAN majors only.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MMI 503. Audio Signal Processing II. 3 Credit Hours.
A study of the theory and practice of digital audio topics including fiber optics and networks, compact disc, interconnection, psychoacoustics, low bit-rate perceptual coding, MPEG, digital audio broadcasting, sigma-delta conversion, noise shaping, digital video, and emerging technologies.
Open to MUE and EAN Majors only.
Prerequisite: MMI 502. Requisite: Plan of MUE and EAN.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MMI 504. Audio Signal Processing III. 3 Credit Hours.
Theory, design, and development of computer audio synthesizers and analyzers. Students implement software synthesizers including analog and physical modeling, wave-table, wave-shaping, and FM designs. Classical and modern theories of timbre and time-frequency analysis are included.
Requisite: Frost School of Music.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MMI 505. Current Trends in Music Engineering I. 3 Credit Hours.
Theory, design and development of audio signal processing techniques. Topics include DSP architectures, systems design, algorithm development, and applications. DSP development tools used to write, debug, and test programs including time-domain based effects such as reverb, chorus, flanging, and digital delay as well as frequency-domain projects such as FIR, IIR, and FFT filters and vocoders.
Prerequisite: MMI 504. Requisite: Plan of MAU and EAN.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.
MMI 506. Current Trends in Music Engineering II. 3 Credit Hours.
MMI 506 addresses current technologies, skills, and techniques employed in a specific aspect of the audio technology and/or music technology fields.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MMI 508. Current Trends in Music Engineering III. 3 Credit Hours.
MMI 508 addresses current technologies, skills, and techniques employed in a specific aspect of the audio technology and/or music technology fields.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MMI 510. Computational Psychoacoustics. 3 Credit Hours.
This course deals with the fundamentals of audition in human biological systems, including auditory sensory transduction, cochlear processes, neural pathways, cortical organization, and auditory illusions, with specific applications to perceptual data reduction techniques and auditory displays.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MMI 511. Current Trends in Music Engineering IV. 3 Credit Hours.
MMI 511 addresses current technologies, skills, and techniques employed in a specific aspect of the audio technology and/or music technology fields.
Requisite: Frost School of Music.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MMI 520. Audio Technology for Musicians. 3.00 Credit Hours.
Introduction and overview of audio technology with emphasis on music recording, production equipment, and techniques. Topics include microphones, loudspeakers, mixing consoles, interconnection, amplifiers, digital processing, time code, and surround sound. Open to non-MUE majors.
Requisite: Frost School of Music.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MMI 521. Timbral Ear Training. 3 Credit Hours.
Students in this course will accomplish four primary goals: 1) instantaneous discernment of ISO frequency regions and critical bands; 2) aural identification of audio-processing techniques, artifacts, and problems; 3) development of critical thinking skills and competence in current audio listening test methodologies; and 4) successful completion of a comprehensive bank of critical listening “golden ears” tests.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MMI 530. Entrepreneurship for Musicians. 3 Credit Hours.
Course explores a wide range of options for musicians who want to pursue music business careers in their regional music markets. Students examine opportunities in performance, recording, composition, education, and more. Emphasis is placed on the packaging of musical skills in the marketplace and on the financial management of a small proprietary music business. As a result, the student musician will be prepared to make career decisions with foresight and planning.
Requisite: Frost School of Music.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

MMI 531. Recording Engineering Seminar. 3 Credit Hours.
Students in MMI 531 will accomplish three primary goals: 1) understanding historical trends in the audio recording industry, particularly those involving key technological advances; 2) understanding and appreciating recent advances in sound recording technologies and methods; and 3) development of critical thinking, research, writing, and presentation skills.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

MMI 532. Arts Leadership. 3 Credit Hours.
Course explores critical concepts of leadership, decision-making, and teamwork in wide-ranging arts presentation settings. Through experiential learning, students practice and acquire the knowledge and skills vital for effective navigation through the dynamic arts industry.
Requisite: MBEI or MBEC or MADE Majors.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 537. Recorded Music Operations. 3 Credit Hours.
This course provides a study of the activities involved in commercially exploiting recorded music. The course includes an analysis of activities involved in the production, manufacturing, distribution, and marketing of a recorded music product; as well as related royalty accounting, mechanical licensing and master-use licensing activities.
Prerequisite: MMI 173 or MMI 310 and MMI 274 and Requisite: MBEI or MBEC or MADE Majors.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI 543. Music Marketing. 3 Credit Hours.
Students learn how to fulfill demand and influence consumer behavior through effective marketing techniques. The course provides the students with information on the latest technologies being employed to reach and communicate with target consumers.
Requisite: MBEI or MBEC or MADE Majors.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.
MMI 545. Music Placement and Exploitation. 3 Credit Hours.
This course provides an in-depth study of the creative and business aspects involved with the discovery, placement and exploitation of music in the current entertainment business. Students explore the processes of how music is placed in television, film, commercials, video games, with new media and recording artists. This course covers the roles of the various players in the music placement business and studies creative approaches, negotiation techniques and licensing practices. The course will cover the acquisition, exploitation, administration and protection of songs in the contemporary music publishing business. Students will also study the income sources, royalty rates and payment procedures currently used in the music industry as they apply to musical compositions. Music publishing agreements currently used for the acquisition and administration of songs are reviewed in depth. Foreign music publishing issues are explored and reviewed as related to domestic music publishing.
Prerequisite: MMI 173 or MMI 310 and MMI 274 and Requisite: MBEI or MBEC or MADE Majors.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

MMI 573. Music Publishing. 3 Credit Hours.
This course provides an in-depth study of the creative and business aspects, concepts and practices of the music publishing industry. The course covers the acquisition, exploitation, administration and protection of songs in the contemporary music publishing business. Students will also study the income sources, royalty rates and payment procedures currently used in the music industry as they apply to musical compositions. Music publishing agreements currently used for the acquisition and administration of songs are reviewed in depth. Foreign music publishing issues are explored and reviewed as related to domestic music publishing.
Prerequisite: MMI 173 or MMI 310 and MMI 274 and Requisite: MBEI or MBEC or MADE Majors.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MMI 580. Advanced Analysis of Current Topics in the Music Business. 3 Credit Hours.
This course provides students with an in-depth study of advanced topics in the music business, including recent developments in the areas of music licensing, copyright, international markets, live music, artist development, data management, and others. Particular focus is placed on ways to meet the current challenges facing the industry.
Requisite: MBEI Or MBEC Or MADE Majors Or MBEI Minor.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring.

MMI 593. Special Projects in Music Media and Industry. 1-3 Credit Hours.
Advanced individual instruction pertaining to faculty member's area expertise and student's area of interest. This course includes a culminating project.
Requisite: Frost School of Music.
Components: IND.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MMI 594. Special Topics in Music Media and Industry. 1-3 Credit Hours.
Advanced group/classroom instruction pertaining to faculty to faculty member's expertise and students' areas of interest.
Components: SEM.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

MMI CB1. Contemporary Bass. 1-2 Credit Hours.
1-hour lesson for students enrolled for 2 credits; 1/2 hour lesson for students enrolled for 1 credit. Technical Requirements: Analysis of classic rhythm sections recorded throughout the last 50 years, including concentration on important and influential drummers in different styles of rock, pop, R&B, funk, latin, and jazz idioms. Live performance skills and studio techniques. Studies in jazz and modal harmony. Introduction to improvisation.
Prerequisite: MMI CBD.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CB3. Contemporary Bass. 1-2 Credit Hours.
One hour lesson for students enrolled for 2 credits; 1/2 hour lesson for students enrolled for 1 credit. Technical requirements: Analysis of classic rhythm sections recorded throughout the last 50 years, including concentration on important and influential drummers in different styles of rock, pop, R&B, funk, latin, and jazz idioms. Live performance skills and studio techniques. Studies in jazz and modal harmony. Introduction to improvisation.
Prerequisite: MMI CBA.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CBB. Contemporary Bass. 1-2 Credit Hours.
One hour lesson for students enrolled for 2 credits; 1/2 hour lesson for students enrolled for 1 credit. Technical requirements: Analysis of important bass players and styles, including Carol Kaye, James Jamerson, Larry Graham, Jack Bruce and others. Studies in intermediate harmony and introduction to standard American popular repertoire. Sight-reading, chart reading, and basic rhythm section arranging.
Prerequisite: MMI CBB.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.
**MMI CBD. Contemporary Bass. 1-2 Credit Hours.**
One hour lesson for students enrolled for 2 credits, 1/2 hour less for students enrolled for 1 credit. Technical requirements: Analysis of important bass players and styles, including Carol Kaye, James Jamerson, Larry Graham, Jack Bruce and others. Studies in intermediate harmony and introduction to standard American popular repertoire. Sight-reading, chart reading, and basic rhythm section arranging.
Prerequisite: MMI CBC.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

**MMI CBF. Contemporary Bass. 1-2 Credit Hours.**
One hour lesson for students enrolled for 2 credits, 1/2 hour less for students enrolled for 1 credit. Technical requirements: Analysis of classic rhythm sections recorded throughout the last 50 years, including concentration on important and influential drummers in different styles of rock, pop, R&B, funk, latin, and jazz idioms. Live performance skills and studio techniques. Studies in jazz and modal harmony. Introduction to improvisation.
Prerequisite: MMI CBE.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

**MMI CBG. Contemporary Bass. 1-2 Credit Hours.**
One hour lesson for students enrolled for 2 credits, 1/2 hour less for students enrolled for 1 credit. Technical requirements: Advanced jazz harmony and improvisation. World music and odd meter studies, including non-traditional styles and grooves. Advanced concepts of recording and performance, including starting and working within the context of an original band project. Elements of professionalism in the music business.
Prerequisite: MMI CBF.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

**MMI CBH. Contemporary Bass. 1-2 Credit Hours.**
One hour lesson for students enrolled for 2 credits, 1/2 hour less for students enrolled for 1 credit. Technical requirements: Advanced jazz harmony and improvisation. World music and odd meter studies, including non-traditional styles and grooves. Advanced concepts of recording and performance, including starting and working within the context of an original band project. Elements of professionalism in the music business.
Requisite: Frost School of Music.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

**MMI CD1. Contemporary Drumset. 1-2 Credit Hours.**
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Sticking techniques, basic hand/foot patterns. Analysis of rock, pop, rhythm and blues, Latin and jazz styles. Basic chart reading.
Requisite: Frost School of Music.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

**MMI CD3. Contemporary Drumset. 1-2 Credit Hours.**
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Tools to enhance soloing and executing grooves. Transcription/analysis of important drumset artists in major styles. Basic studio performance techniques, and relationship to singer/songwriter. Basic jazz performance elements. Basic world music rhythms.
Prerequisite: MMI CDE.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

**MMI CDF. Contemporary Drumset. 1-2 Credit Hours.**
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Advanced sticking techniques, advanced hand/foot patterns. Transcription/analysis of important drumset artists in major styles. Advanced chart reading.
Prerequisite: MMI CDB.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

**MMI CDC. Contemporary Drumset. 1-2 Credit Hours.**
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Advanced sticking techniques, advanced hand/foot patterns. Transcription/analysis of important drumset artists in major styles. Advanced chart reading.
Prerequisite: MMI CDB.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

**MMI CDA. Contemporary Drumset. 1-2 Credit Hours.**
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Advanced sticking techniques, advanced hand/foot patterns. Transcription/analysis of important drumset artists in major styles. Advanced chart reading.
Prerequisite: MMI CDB.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.
MMI CDH. Contemporary Drumset. 1-2 Credit Hours.
Prerequisite: MMI CGD.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CG1. Contemporary Guitar. 1-2 Credit Hours.
Requisite: Frost School of Music.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CG3. Contemporary Guitar. 1-2 Credit Hours.
Requisite: MMI CGD.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CGB. Contemporary Guitar. 1-2 Credit Hours.
Requisite: MMI CGA.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CGC. Contemporary Guitar. 1-2 Credit Hours.
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Advanced harmony. Advanced accompanying. Transcription/analysis of important guitar artists in major styles. Advanced chart reading and capoing techniques. Beginning alternate tunings. Successful completion of Level D to move to Level E.
Prerequisite: MMI CGC.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CGG. Contemporary Guitar. 1-2 Credit Hours.
Prerequisite: MMI CGF.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CGH. Contemporary Guitar. 1-2 Credit Hours.
Prerequisite: MMI CGG.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CK1. Contemporary Keyboard. 1-2 Credit Hours.
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Beginning Gospel harmony (triads in all inversions), basic add-nine pop harmony. Beginning accompanying. Analysis of rock, pop, rhythm and blues, Latin, and jazz styles. Basic chart reading.
Requisite: Frost School of Music.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.
MMI CK3. Contemporary Keyboard. 1-2 Credit Hours.
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Beginning pop improv. Beginning functional jazz harmony (thirds and sevenths). Basic jazz performance elements. Transcription/analysis of important keyboard artists in major styles. Basic studio performance techniques and relationship to singer/songwriter. Keyboard equipment, maintenance, patch libraries and sound editors. Prerequisite: MMI CKD.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CKB. Contemporary Keyboard. 1-2 Credit Hours.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CKC. Contemporary Keyboard. 1-2 Credit Hours.
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Advanced Gospel harmony. Advanced accompanying. Transcription/analysis of important keyboard artists in major styles. Advanced chart reading. Prerequisite: MMI CKB.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CKD. Contemporary Keyboard. 1-2 Credit Hours.
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Advanced Gospel harmony. Advanced accompanying. Transcription/analysis of important keyboard artists in major styles. Advanced chart reading. Prerequisite: MMI CKC.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CKF. Contemporary Keyboard. 1-2 Credit Hours.
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Beginning pop improv. Beginning functional jazz harmony (thirds and sevenths). Basic jazz performance elements. Transcription/analysis of important keyboard artists in major styles. Basic studio performance techniques and relationship to singer/songwriter. Keyboard equipment, maintenance, patch libraries and sound editors. Prerequisite: MMI CKE.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CKG. Contemporary Keyboard. 1-2 Credit Hours.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CKB. Contemporary Keyboard. 1-2 Credit Hours.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CM3. Contemporary Media. 1-2 Credit Hours.
Prerequisite: MMI CMD.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CMB. Contemporary Media. 1-2 Credit Hours.
Prerequisite: MMI CMA.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CMC. Contemporary Media. 1-2 Credit Hours.
Prerequisite: MMI CMB.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CMD. Contemporary Media. 1-2 Credit Hours.
Prerequisite: MMI CMC.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CMF. Contemporary Media. 1-2 Credit Hours.
Prerequisite: MMI CME.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CMG. Contemporary Media. 1-2 Credit Hours.
Prerequisite: MMI CMF.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.
MMI CMH. Contemporary Media. 1-2 Credit Hours.
Prerequisite: MMI CMG.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CV1. Contemporary Voice. 1-2 Credit Hours.
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Warm-ups, Cool downs and introductory exercises for breath management. Attack in phonation, registration, resonance, articulation, coordination, microphone technique, key selection and vocal hygiene and maintenance. Beginning chart writing. Repertoire of original and contemporary songs in various styles as prescribed by the voice teacher.
Requisite: Frost School of Music.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CV3. Contemporary Voice. 1-2 Credit Hours.
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Demonstrate evidence of upper range extension with fully supported sound and appropriate modification of resonators, ability to self-prepare a song, advance knowledge of music styles and historical periods of contemporary music, effective communication of original songs. Advanced chart writing. Intermediate improvisation and ornamentation. Repertoire of original and contemporary songs in various styles as prescribed by the voice teacher.
Prerequisite: MMI CVD.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CVD. Contemporary Voice. 1-2 Credit Hours.
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Basic knowledge of musical styles and historical periods of contemporary music, effective communication of songs in a variety of contemporary styles. Intermediate chart writing. Beginning improvisation and ornamentation. Repertoire of original and contemporary songs in various styles as prescribed by the voice teacher.
Prerequisite: MMI CVE.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CVF. Contemporary Voice. 1-2 Credit Hours.
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Demonstrate evidence of upper range extension with fully supported sound and appropriate modification of resonators, ability to self-prepare a song, advance knowledge of music styles and historical periods of contemporary music, effective communication of original songs. Advanced chart writing. Intermediate improvisation and ornamentation. Repertoire of original and contemporary songs in various styles as prescribed by the voice teacher.
Prerequisite: MMI CVG.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CVH. Contemporary Voice. 1-2 Credit Hours.
1-hour lesson for students enrolled for 2 credits, 1/2-hour lesson for students enrolled for 1 credit. Technical Requirements: Demonstrate perfect facility in required contemporary styles, ability to evaluate performances critically and coherently, facility with register changes in upper range, polished and artistic performance with accuracy in pitch, rhythm, good posture, breath management, phonation, resonance, and microphone technique. Advanced chart writing and studio vocal arranging techniques. Advanced improvisation and ornamentation. Repertoire of original and contemporary songs in various styles as prescribed by the voice teacher.
Prerequisite: MMI CVF.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.
MMI CX1. Contemporary Performance Instruction. 2 Credit Hours.
1-Hour Lesson for students enrolled for 2 credits, ½ hour lesson for students enrolled for 1 credit. Applied instrument/voice instruction in contemporary, popular music performance. Freshman/Sophomore level.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CX3. Contemporary Performance Instruction. 2 Credit Hours.
1-Hour Lesson for students enrolled for 2 credits, ½ hour lesson for students enrolled for 1 credit. Applied advanced instrument/voice instruction in contemporary, popular music performance. Junior/Senior level.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.

MMI CXS. Secondary Contemporary Performance Instruction. 1-2 Credit Hours.
Requisite: Frost School of Music.
Components: LSN.
Grading: GRD.
Typically Offered: Fall & Spring.