AUDIO TECHNOLOGY (AUD)

AUD 100 - Applied Music - Audio Tech
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course consists of one-on-one mentoring in audio technology with our NMC Audio Technology staff. It is designed to customize the audio tech training experience for each student, helping to identify interests and aptitude, or to provide tutoring as needed. Group 2 course.

AUD 100B - Applied Music - Audio Tech
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course consists of one-on-one mentoring in audio technology with our NMC Audio Technology Staff. It is designed to customize the audio tech training experience for each student, helping to identify interests and aptitude, or to provide tutoring as needed. Group 2 course.
Required Prerequisite(s): AUD 100

AUD 100C - Applied Music - Audio Tech
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
The course consists of one-on-one mentoring in audio technology with our NMC Audio Technology Staff. It is designed to customize the audio tech training experience for each student, helping to identify interests and aptitude, or to provide tutoring as needed. Group 2 course.
Required Prerequisite(s): AUD 100B

AUD 100D - Applied Music - Audio Tech
Credit Hours: 1-2, **Contact Hours: 1-2**
Division: Humanities
This course consists of one-on-one mentoring in audio technology with our NMC Audio Technology Staff. It is designed to customize the audio tech training experience for each student, helping to identify interests and aptitude, or to provide tutoring as needed. Group 2 course.
Required Prerequisite(s): AUD 100C

AUD 100E - Applied Music - Audio Tech
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course consists of one-on-one mentoring in audio technology with our NMC Audio Technology Staff. It is designed to customize the audio tech training experience for each student, helping to identify interests and aptitude, or to provide tutoring as needed. Group 2 course.
Required Prerequisite(s): AUD 100D

AUD 100F - Applied Music - Audio Tech
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course consists of one-on-one mentoring in audio technology with our NMC Audio Technology Staff. It is designed to customize the audio tech training experience for each student, helping to identify interests and aptitude, or to provide tutoring as needed. Group 2 course.
Required Prerequisite(s): AUD 100E

AUD 101 - Theory for Studio Engineers
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course is a study of song forms, notation of rhythms, chord symbols, key and time signatures, and familiarization with lead sheets and scores as commonly used in Pop and Jazz. This course will provide students the knowledge needed to work in a variety of musical genres and mediums. Group 2 course.

AUD 110 - Studio Recording I
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course is a combination of the study of audio and recording theory with instruction and practice in audio studio recording techniques. There is an emphasis on developing skills in the use of current technology. Group 2 course.

AUD 111 - Studio Recording II
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course is a study of audio signal processing theory, history, and application using current industry standard technology. There is an emphasis on developing skills in the operation of hardware and software to manipulate digital audio recordings. Group 2 course.
Required Prerequisite(s): AUD 110 with a grade of 2.0 or higher.

AUD 112 - Introduction to Ableton Live
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course provides an in-depth exploration of Ableton Live, a leading software for music production, composition, and live performance, catering to aspiring producers and performers. Students will gain hands-on experience with the software's interface, learning essential techniques in MIDI and audio recording, sampling, synthesis, mixing, and mastering, while also building skills in both studio and live settings. The curriculum combines theoretical knowledge with practical applications, guiding students in creating original compositions, remixes, and live sets, and emphasizes critical listening skills to analyze diverse genres and production techniques effectively. Group 2 course. Critical Thinking - Direct, Quantitative Reasoning.

AUD 114 - Introduction to Music Business
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course offers students an in-depth exploration into the multifaceted world of music business, providing a comprehensive understanding of its historical evolution, current structures, and future trends. Through a blend of theoretical study, practical applications, case analyses, and industry insights, students will navigate key components such as music publishing, record labels, artist management, digital transformation, licensing, marketing, and international markets. Group 2 course. Communications - Direct, Critical Thinking - Direct, Quantitative Reasoning.

AUD 120 - Digital Audio I
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course is an introduction to digital audio theory and application through the use of digital audio workstations (DAWs), specifically Logic Pro X (Apple). Students will use Logic Pro to record, edit, and mix audio and MIDI. There is an emphasis on the concept of signal flow that will translate to other DAWs in future courses. Group 2 course.

AUD 121 - Digital Audio II
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
Digital Audio II is the continuation of AUD 120, Digital Audio I. This course will introduce students to Pro Tools (Avid), the industry-leader digital audio software and hardware. Students can achieve Pro Tools User-Level Certification upon the successful completion of both the midterm and final exams. Group 2 course.
Required Prerequisite(s): AUD 120 with a grade of 2.0 or higher.

AUD 122 - Audio for Film, TV, and Gaming
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This comprehensive course explores audio production for film, television, and video games, combining theory with hands-on practice to teach sound design, music composition, dialogue recording, and post-production. Students learn to use digital audio workstations (DAWs), various microphones, and advanced mixing techniques, while exploring specialized topics like interactive audio for games, surround sound, and adaptive audio design. Through case studies, industry guest lectures, and project-based assignments, students gain insights into real-world applications and trends. By course end, they'll have a versatile skill set for audio recording, editing, and mixing, with a deep understanding of industry demands and career pathways. Group 2 course. Communications - Direct, Critical Thinking - Direct, Quantitative Reasoning.
Required Prerequisite(s): AUD 120 with a final grade of 2.0 or higher.

AUD 124 - Music Production & Songwriting
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course delves deep into the art and science of songwriting and music production, offering students a comprehensive understanding of the creative and technical processes involved in crafting compelling musical compositions. Designed for aspiring songwriters, producers, and musicians, this course combines theoretical knowledge with hands-on experience, providing students with the skills and confidence to express their musical ideas effectively. Group 2 course. Communications - Direct, Critical Thinking - Direct, Quantitative Reasoning.
Required Prerequisite(s): AUD 120 with a final grade of 2.0 or higher.

AUD 130 - Live Sound I
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course is an introduction to live sound techniques, including basic properties of sound, sound equipment, signal flow, and system engineering. Group 2 course.

AUD 131 - Live Sound II
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course is a continuation of live sound techniques, including acoustic properties of sound, sound equipment, signal flow, and system engineering. Group 2 course.
Required Prerequisite(s): AUD 130 with a grade of 2.0 or higher.

AUD 132 - Audiotronics and Acoustics
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course is designed to provide students with comprehensive, practical, and theoretical knowledge in various facets of audio technology. This collegiate-level course integrates hands-on training with theoretical instruction, focusing on essential skills such as soldering techniques, basic electronics principles, audio equipment maintenance and repair, and fundamentals of acoustics. Through a combination of lectures, demonstrations, laboratory exercises, and real-world projects, students will gain proficiency in audio equipment handling, troubleshooting, repair, and optimization. Group 2 course. Communications - Direct, Critical Thinking - Direct, Quantitative Reasoning.
Required Prerequisite(s): AUD110

AUD 210 - Studio Recording III
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course builds on the topics covered in AUD 110 and AUD 111, focusing on the refining and addition of skills in digital audio recording. Students develop competencies in working with hardware and software in audio project-based settings. Group 2 course.
Required Prerequisite(s): AUD 111 with a grade of 2.0 or higher.

AUD 220 - Digital Audio III
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
Digital Audio III is the continuation of AUD 121, Digital Audio II. This course further explores MIDI and audio recording and editing in Logic and Pro Tools, and also delves into an exploration of software sound synthesizers and sampler instruments found in Digital Audio Workstations. Group 2 course.
Required Prerequisite(s): AUD 121 with a grade of 2.0 or higher.

AUD 230 - Live Sound III
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This course is an advanced exploration of live sound techniques, including room acoustics, digital sound equipment, software analysis, and system engineering. Group 2 course.
Required Prerequisite(s): AUD 131 with a grade of 2.0 or higher.

AUD 240 - Studio Recording IV
Credit Hours: 2, **Contact Hours: 2**
Division: Humanities
This advanced course offers an in-depth study of recording and mixing techniques used in professional audio production, covering topics like room acoustics, microphone techniques, Digital Audio Workstation (DAW) proficiency, and dynamic processing. Students will gain hands-on experience through exercises, projects, and real-world scenarios, with specialized modules on vocal production, instrumental arrangement, and mixing challenges. Blending theoretical lectures, workshops, industry guest sessions, and collaboration, the curriculum equips students to confidently approach complex audio projects, preparing them for careers in music production, sound engineering, and related fields within today's competitive industry. Group 2 course. Communications - Direct, Critical Thinking - Direct, Quantitative Reasoning.
Required Prerequisite(s): AUD 210 with a final grade of 2.0 or higher

AUD 250 - Audio Tech Practicum
Credit Hours: 3, **Contact Hours: 3**
Division: Humanities
This course is designed to give students practical experience in digital audio recording. Students participate in a variety of recording situations using various hardware and software recording techniques. Students apply techniques used in previous recording and digital audio courses. Group 2 course.
Required Prerequisite(s): AUD 111, AUD 121, AUD 131 all with a final grade of 2.0 or higher.

AUD 260 - Audio Tech Internship
Credit Hours: 3, **Contact Hours: 3**
Division: Humanities
This course is required for the Associate of Applied Science degree in Audio Technology. The purpose of the internship is to provide on-the-job experience for the student who wishes to pursue a career in audio related fields. The internship will be customized to meet the learning needs of the student and the job requirements of the sponsoring firms. Students must apply one month prior to the semester in which they will complete the internship. Group 2 course.
Required Prerequisite(s): AUD 210, AUD 220, 230, and AUD 250, all with a final grade of 2.0 or higher.

AUD 270 - Audio Tech Final Project
Credit Hours: 3, **Contact Hours: 3**
Division: Humanities
This course is required for the Associate of Applied Science degree in Audio Technology. The purpose of the Audio Tech Final Project course is to provide in-depth intensive training experience in an area of specialization in audio technology. The student will be paired with staff in their area of expertise. Examples are Audio for Worship, Mastering, Audio for Film, Scoring, etc. Group 2 course.
Required Prerequisite(s): AUD 210, AUD 220, AUD 230, and AUD 250 all with a grade of 2.0 or higher.

AUD 293 - Audio Technology Study Abroad
Credit Hours: 1, **Contact Hours: 1**
Division: Humanities
In this class, students are provided the opportunity to travel to a specified destination affiliated with the corresponding audio technology non-trip course. This course will serve to integrate the student learning experience and provide a sense of cultural perspective, diversity and regional awareness. The course is an opportunity for students to explore other areas around the world while applying discipline-specific course content. For a more specific course description, please review the course description of the associated non-trip course. Group 2 course.
Required Prerequisite(s): AUD 100, or AUD 110, or AUD 120, or AUD 130