

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

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Required Prerequisite(s): AUD 100

AUD 100C - Applied Music - Audio Tech

Credit Hours: 2, Contact Hours: 2

Division: Humanities

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Required Prerequisite(s): AUD 100B

AUD 100D - Applied Music - Audio Tech

Credit Hours: 2, Contact Hours: 2

Division: Humanities

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Required Prerequisite(s): AUD 100C

AUD 100E - Applied Music - Audio Tech

Credit Hours: 2, Contact Hours: 2

Division: Humanities

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Required Prerequisite(s): AUD 100D

AUD 100F - Applied Music - Audio Tech

Credit Hours: 2, Contact Hours: 2

Division: Humanities

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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 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.

Required Prerequisite(s): AUD 120 with a 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 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 250 - Audio Tech Practicum

Credit Hours: 2, Contact Hours: 2

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 110, AUD 120, AUD 130 all with a 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 230, AUD 250 all with a grade of 2.0 or higher; or instructor approval

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 230, AUD 250 all with a grade of 2.0 or higher.