**Music Audio Production Certificate (Grade of C or higher)**

26 credits

The Music Audio Production certificate will prepare students with the knowledge, skills, and techniques necessary to compete and thrive in the evolving world of music recording and production. Students will acquire foundational skills and best practices through a combination of musical training, coursework, hands-on studio work, and targeted externships to enable certificate holders to take their place in the growing fields of audio engineering, location and studio recording, music production, and sound reinforcement. Today, skilled audio technicians are in demand in both music production, and as a component of mixed media, web, and the video games industry.

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| **Course number** | **Course name** | **Credits** |
|  |  |  |
| MUS 1005 | Intro Comp Music Applications | 3 |
| MUS 1010 | Music Theory I | 3 |
| MUS 1012 | Ear Training/Sightsinging I Lab | 1 |
| MUS 1041 | Private Instruction: (Specify Instrument) | 2 |
| MUS 1042 | Private Instruction: (Specify Instrument) | 2 |
| MUS 1061 | Computer Music Applications I | 3 |
| MUS 1067 | Music Business I | 3 |
| MUS 2061 | Adv Music Audio Production | 3 |
| MUS 2065 | Live Audio Engineering | 3 |
| MUS 2089 | Capstone | 3 |
|  |  |  |
|  |  | 26 |

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|  | **Fall** | **Spring** |
| **1st Year** | 3 MUS 1005 Intro Comp Music Applications  2 MUS 1041 Private Instruction  3 MUS 1067 Music Business I  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  8 credit hours | 3 MUS 1010 Music Theory I  1 MUS 1012 Ear Training I  2 MUS 1042 Private Instruction  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  6 credit hours |
| **2nd Year** | MUS 1061 Computer Music Applications I  MUS 2065 Live Audio Engineering  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  6 credit hours | MUS 2061 Adv Music Audio Production  MUS 2089 Capstone  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  6 credit hours |

**Course Description**

**MUS 1005 - Intro Comp Music Applications (3)**

Introduces the use of computers in the music industry. Explores current use of MIDI instrument, MIDI sequencing, MIDI editing, audio editing, notation software, and set-up of Digital Audio Workstation. No prerequisites.

**MUS 1010 - Music Theory I (3)**

Presents music fundamentals, diatonic four-part harmony, analysis, ear training, and keyboard harmony. For music majors transferring to a 4-year program.

**MUS 1012 - Ear Training and Sightsinging I Lab (1)**

Provides exercises in sight singing, rhythmic reading, and melodic and rhythmic dictation. The course will include performance of melodies and rhythmic reading exercises. Ear training dictation topics includes rhythm, intervals, diatonic scales, melody, triad types, and scales.

Co-requisite: MUS 110

**MUS 1041 - Private Instruction: I (2)**

Offers private instruction consisting of a sixty-minute lesson per week. Regular attendance at and participation in student performances is required for 2 credits. First year, first term.

**MUS 1042 - Private Instruction: II (2)**

Offers private instruction consisting of a sixty-minute lesson per week. Regular attendance at and participation in student performances is required for 2 credits. First year, second term.

Prerequisite: Grade of C or higher in the following courses: MUS 1041 in same instrument.

**MUS 1061 - Computer Music Applications I (3)**

Introduces students to the Digital Audio Workstation, current practices with MIDI instruments, MIDI sequencing, MIDI editing, music notation programs.

Prerequisite: Grade of C or higher in the following courses: MUS 1005.

**MUS 1067 - Music Business I (3)**

Provides a foundational overview of the current, historic, and projected business practices in the music entertainment industry. Course provides opportunities to gain an understanding of the music entertainment industry including copyright, labels, publishing, licensing, distribution, marketing, finance, legal considerations, and current and future opportunities.

**MUS 2061 - Adv Music Audio Production (3)**

Designed to build upon MUS 1063 and MUS 1064 to give a well-structured and advanced knowledge of the various aspects of recording and production with music in a live and studio setting. This includes a working knowledge of microphones, audio mixing boards-analog and digital, recorders, analog and digital, mixing, sound, equalization and the fundamentals of acoustics in studio design.

Prerequisite: Grade of C or higher in the following courses: MUS 1061 or permission of instructor.

**MUS 2065 - Live Audio Engineering (3)**

Teaches the concepts and technical skills of live sound reinforcement. Topics include basic audio concepts, the operation and interconnection of a sound system, signal processing, and live sound recording. Students will participate in special class projects and live sound sessions.

**MUS 2089 - Capstone (3)**

A demonstrated culmination of learning within a given program of study.

Prerequisite/Corequisite: Grade C or higher in the following course MUS 2061. Mac platform only.