

Music Technology

Certificate (C520)

Required Courses

For this Music Technology Certificate program, students must choose a Primary Instrument/Voice*. Record this decision with the Music department faculty.

Required Discipline Courses (16 credits)

MUSC 1452	Intro to Music Industry (Goals 6,9).....	3 cr
MUSC 1459	Musicology (Goal 6).....	3 cr
MUSC 1460	Intro to Music Notation Technology (Goal 6).....	2 cr
MUSC 2413	Music Production: Intro to Pro Tools (Goal 6).....	3 cr
MUSC 2414	Advanced Audio Production (Goal 6).....	3 cr

Two Semesters are required for the following:

Using Primary Instrument/Voice Guide*, choose appropriate lessons (Goal 6).....Total of 2 cr

- MUSC 1441 Applied Music Lessons – Guitar **OR**
- MUSC 1464 Applied Music Lessons – Brass **OR**
- MUSC 1468 Applied Music Lessons – Strings **OR**
- MUSC 1475 Applied Music Lessons – Woodwind **OR**
- MUSC 1477 Applied Music Lessons – Bass Guitar **OR**
- MUSC 1481 Applied Music Lessons – Piano **OR**
- MUSC 1485 Applied Music Lessons – Percussion **OR**
- MUSC 1491 Applied Music Lessons – Voice

GRADUATION REQUIREMENT - 16 CREDITS

Description

The Music Technology Certificate program provides training in music production, recording, digital music notation, working with microphones, mixers, and speakers, and background knowledge in music industry. This certificate is designed for anyone who wants a background in using music technology, for AA and other non-degree and degree-seeking students who want an additional certificate in music technology, as well as for Music AFA students who want to supplement their degree with Music Technology proficiency. Students also have the opportunity to become an Avid Certified User for Pro Tools after completing the audio production classes in this certificate.

Outcomes

By completing this program, students will achieve the following learning outcomes:

- Use digital audio workstations, audio interfaces, and MIDI controllers to produce, record, edit, and mix music;
- Demonstrate working knowledge of microphones, mixers, and live sound setups used to perform or record music;
- Complete all the steps of a recording/production project from beginning to end using Pro Tools;
- Create backing tracks consisting of drums/percussion, a bass line, and multiple chord progressions;
- Demonstrate a proficient understanding of note values, durations, tempo, and meter through the use of quantization;
- Demonstrate a basic knowledge of various elements of the music industry including streaming, radio broadcasting, music retail, music recording, publishing and songwriting, music management, musical theater, and music education;
- Create sheet music documents that are accurate, legible, and readable in paper and on electronic devices.

Graduation Requirements

In addition to the program requirements, students must meet the following conditions in order to graduate:

- College Cumulative GPA Requirement: cumulative grade point average (GPA) of credits attempted and completed at CLC must be at least 2.0;
- College Technical Core GPA Requirement: cumulative GPA of credits attempted and completed towards the technical core of the diploma or degree must be at least 2.0;
- Residency Requirement: students must complete 25% of their credits at Central Lakes College.

Career & Transfer

The learning that takes place during the Music Technology Certificate will help students have the foundational skills they need to begin producing, recording, and distributing music on their own or working as an assistant at a recording studio. In addition, the background in music industry may be helpful in a variety of jobs including film/tv production and advertising.

Certification

Students are eligible to take a test to become an Avid Certified User for Pro Tools after completing the audio production classes in this certificate.

Primary Instrument/Voice Guide*

Bass Guitar Concentration

Two Semesters are required for the following:

MUSC 1477 Applied Music Lessons – Bass Guitar (Goal 6) 1 cr

Brass Concentration

Two Semesters are required for the following:

MUSC 1464 Applied Music Lessons – Brass (Goal 6) 1 cr

Guitar Concentration

Two Semesters are required for the following:

MUSC 1441 Applied Music Lessons – Guitar (Goal 6) 1 cr

Percussion Concentration

Two Semesters are required for the following:

MUSC 1485 Applied Music Lessons – Percussion (Goal 6) 1 cr

Piano Concentration

Two Semesters are required for the following:

MUSC 1481 Applied Music Lessons – Piano (Goal 6) 1 cr

String Concentration

Two Semesters are required for the following:

MUSC 1468 Applied Music Lessons – Strings (Goal 6) 1 cr

Voice Concentration

Two Semesters are required for the following:

MUSC 1491 Applied Music Lessons – Voice (Goal 6) 1 cr

Woodwind Concentration

Two Semesters are required for the following:

MUSC 1475 Applied Music Lessons – Woodwind (Goal 6) 1 cr