

# DIGITAL MUSIC

[music.missioncollege.edu](http://music.missioncollege.edu)

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## Digital Music: Certificate of Achievement (CA)

The Digital Music Certificate is designed to provide a foundation in digital music production for students with backgrounds in music, music technology, and/or multimedia design. The curriculum is based on recent advancements in the development of digital music systems and their widespread applications in both music and multimedia productions. It also provides students with hands-on experience and a working knowledge of the creative and technical issues surrounding the production of digital audio content and its application and synchronization with other media such as film, video game design and social media platforms. The certificate prepares students for career opportunities, professional development, and personal enrichment in the fields of digital music production and distribution, multimedia audio design, content for social media platforms, and music/multimedia software design. In addition, students receive information and resources to help them prepare for an entrepreneurial career in a creative field that requires self-motivation, small business acumen, social and networking skills in order to succeed.

### Program Learning Outcomes:

- Operate the MIDI (Musical Instrument Digital Instrument) and audio functions of a Digital Audio Workstation (DAW).
- Construct an original piece of music using a DAW while applying music theory and knowledge of various musical genres to the creative process.
- Use software and hardware to capture, edit, mix and master audio recordings for commercial use.

### Career/Transfer Opportunities:

Music Producer, Recording Engineer/Mixer, Assistant Engineer, Production Assistant, Studio Manager/Owner, Sound Technician, Acoustic Consultant, Audio Engineer for Video, Digital Remastering Engineer, Live Sound Engineer, Recording Equipment Manufacturer's Representative, Music Technology Sales Customer Service (audio and multimedia related companies) Mastering Engineer (postproduction engineer), Interactive and Mixed Media Specialist, Recording Mixer (film and video), Record Company Staff, Recording Room Setup Worker, Studio Designer, Studio Technician/Maintenance, Music Editor, Music/Sound Programmer, Sound Designer, DJ/remixer, Audio Developer

**To earn this certificate, students must complete the minimum required courses with a grade of C (or P) or better.**

### Core Requirements (18 units): Complete all of the following

		Units
MUS 006	Commercial Music Theory I	3.0
MUS 016	Survey of Rock and Popular Music	3.0
MUS 080	MIDI and Music Production I	3.0
MUS 081	Audio Production I	3.0
MUS 082	MIDI and Music Production II	3.0
MUS 083	Audio Music Production II	3.0

**Total Required Units: 18.0**

