

MUSIC TECHNOLOGY, AAS

Program Code: AAS.MUSICTECH

This program provides experience and skills in the specialized field of Music and Audio Technology that are necessary for the pursuit of a career as an Audio Engineer or Music Producer. The program builds upon the foundation of the **Music Technology Certificate** while also preparing students for an industry job hunt or further higher education pursuit.

Outcomes

Related Instruction Outcomes

Computation

- 1 course - MTH-050 Technical Mathematics I or MTH-065 Algebra II
- Use appropriate mathematics to solve problems.

Communication

- 1 course - WR-101 Workplace Writing or WR-121Z Composition I
- Read actively, think critically, and write purposefully and capably for professional audiences.

Human Relations

- 1 course - COMM-100Z Introduction to Communication or COMM-126 Intro to Communication, Gender, and Sexuality or COMM-140 Introduction to Intercultural Communication or COMM-218Z Interpersonal Communication
- Engage in ethical communication processes that accomplish goals.

Physical Education/Health/Safety/First Aid

- 1-3 credits - See **Related Instruction** for course list
- Use effective life skills to improve and maintain mental and physical wellbeing.

Program Outcomes

Upon successful completion of this program, students should be able to:

- complete recording projects illustrating advanced competence in professional audio recording techniques/technologies and the ability to complete the production process using appropriate software/hardware;
- complete recording projects that include elements of music and audio in a digital format, including MIDI, sound sampling, synthesis, processing, editing, mixing, and display advanced competence and confidence in the use of associated software/hardware appropriate for these tasks in a professional setting;
- produce a portfolio of production, recording, and mixing projects that demonstrate advanced preparedness for entry into a career related to music technology, and articulate with advanced competency and demonstration how this portfolio connects and relates to professional opportunities in that field;
- critically analyze and discuss with advanced competence and vocabulary multimedia works (their own or others) in the context of music history, theory, and industry trends;
- demonstrate an awareness of ethical, legal, and business considerations involved when creating audio works, including advanced professional skills and understanding related to documentation and rights licensing for copyright, fair use, etc.

- produce, mix, edit, and treat audio for current media paradigms such as television, movies, video games, podcasts, social media platforms, etc.

Requirements

First Year

Fall Term		Credits
MUS-107	Introduction to Audio Recording I	3.00
MUS-141	Introduction to the Music Business	3.00
MUS-142	Introduction to Electronic Music I: MIDI	3.00
MUS-188	Performance Attendance	0.00
WR-101 or WR-121Z	Workplace Writing or Composition I	4.00
Program Basics (p. 2)		3.00-4.00
Electives (p. 2)		3.00-4.00

Credits

19-21

Winter Term

Select one of the following:		4.00
COMM-100Z	Introduction to Communication	
COMM-126	Intro to Communication, Gender, and Sexuality	
COMM-140	Introduction to Intercultural Communication	
COMM-218Z	Interpersonal Communication	
MTH-050 or MTH-065	Technical Mathematics I or Algebra II	4.00
MUS-108	Introduction to Audio Recording II	3.00
MUS-140	Careers in Music	3.00
MUS-143	Introduction to Electronic Music II: Sequencing, Audio Looping, Sound EFX	3.00
MUS-188	Performance Attendance	0.00
Program Basics (p. 2)		3.00-4.00

Credits

20-21

Spring Term

MUS-109	Introduction to Audio Recording III	3.00
MUS-144	Introduction to Electronic Music III: Digital Audio	3.00
MUS-188	Performance Attendance	0.00
MUS-280	Music/CWE	2.00
Program Basics (p. 2)		3.00-4.00
Electives (p. 2)		3.00-4.00

Credits

14-16

Second Year

Fall Term

EET-112	Electronic Equipment and Assembly I	1.00
Select one of the following:		3.00
MUS-101	Music Fundamentals	
MUS-111	Music Theory I	
MUS-148	Live Sound Engineering	3.00
MUS-188	Performance Attendance	0.00
MUS-207	Advanced Audio Recording & Mixing I: Recording Techniques	3.00
MUS-242	Advanced Electronic Music I: Synthesis and Instrument Design	3.00

PE/Health/Safety/First Aid requirement	1.00-3.00
Electives (p. 2)	3.00-4.00
Credits	17-20
Winter Term	
MUS-171	Sound Design 2.00
MUS-188	Performance Attendance 0.00
MUS-208	Advanced Audio Recording & Mixing II: Editing & Mix Preparation 3.00
MUS-243	Advanced Electronic Music II: Electronic Music Ensemble 3.00
MUS-248	Live Sound Engineering II 3.00
Credits	11
Spring Term	
BA-119	Project Management Practices 2.00
MUS-188	Performance Attendance 0.00
MUS-209	Advanced Audio Recording & Mixing III: Mixing & Mastering Capstone 3.00
MUS-244	Advanced Electronic Music III: Production Capstone 3.00
MUS-247	Sound for Media 3.00
MUS-280	Music/CWE 2.00
Credits	13
Total Credits	94-102

Code	Title	Credits
BA-120	Project Management Fundamentals	4.00
BA-123	Leadership & Motivation	3.00
BA-131	Introduction to Business Computing	4.00
BA-207	Prepping for Business Success	4.00
BA-223	Principles of Marketing	4.00
BA-228	Computerized Accounting	3.00
BA-239	Advertising	4.00
COMM-112	Persuasive Speaking	4.00
CS-120	Survey of Computing	4.00
DMC-221	Introduction to 2D Animation: Design & Techniques	4.00
DMC-225	Computer Graphics I	4.00
DMC-226	Computer Graphics II	4.00
DMC-227	Computer Graphics III	4.00

Program Basics

Code	Title	Credits
MUP-100	Individual Lessons: Non-Music Majors	1.00-2.00
MUS-101	Music Fundamentals	3.00
MUS-102	Applied Music Fundamentals	3.00
MUS-103	Applied Music Fundamentals	3.00
MUS-105	Music Appreciation	3.00
MUS-111	Music Theory I	3.00
MUS-112	Music Theory I	3.00
MUS-113	Music Theory I	3.00
MUS-131	Group Piano: Piano for Pleasure	1.00
MUS-132	Group Piano: Piano for Pleasure	1.00
MUS-133	Group Piano: Piano for Pleasure	1.00
MUS-134	Group Voice: Anyone Can Sing	1.00
MUS-135	Group Voice: Anyone Can Sing	1.00
MUS-136	Group Voice: Anyone Can Sing	1.00
MUS-137	Group Guitar I	1.00
MUS-138	Group Guitar II	1.00
MUS-205	Music Literature: History of Jazz	4.00
MUS-206	Music Literature: History of Rock	4.00

Electives

Code	Title	Credits
ART-161	Photography I	4.00
ART-162	Photography II	4.00
ART-261	Photography III	4.00
ART-262	Digital Photography & Photo-Imaging	4.00
BA-111	General Accounting I	3.00