MUSIC AUDIO AND RECORDING TECHNOLOGY, Diploma - 0161

Communication, Humanities & the Arts Department
CIP Code: 10.0203

The Music Audio and Recording Technology diploma program gives students the opportunity to learn audio and recording technical skills necessary to participate in studio production and performance management, as well as in digital media production, distribution, and marketing. This diploma may be completed at the Harrisburg Campus through various modalities (e.g., hybrid, synchronous remote instruction and asynchronous instruction) in addition to on-campus/in-person instruction.

Career Opportunities
Students who complete the program can be employed by sound production companies or recording studios as technicians.
(SOC Code: 27-4014 Sound Engineering Technicians)

Competency Profile
This curriculum is designed to prepare students to:

- Cite examples of the expanding role the Internet and the World Wide Web has in all aspects of the music business
- Explain how the Internet/World Wide Web is a dynamic source of information in all areas of the music industry
- Demonstrate the basics of MIDI hardware and software and their respective applications to recording, editing, arranging, mixing, and printing of music
- Create new music in a digital audio format using audio loop technology and/or rendering MIDI files
- Create audio recordings in compliance with current industry standards
- Configure equipment for portable and installed sound systems, recording devices, and audio editing computers
- Differentiate various output standards including streaming, static web, digital media formats, audio for video, audio aspects of film, and many non-music media
- Interpret metering signals, digital over indications, and loudness perception to identify possible flaws in processed audio and attempt to avoid these flaws

PROGRAM REQUIREMENTS (TOTAL CREDITS = 17)

General Education	Major Requirements		Other Required Courses
	MUSB 111 Music Business and the Internet	3	
	MUSB 214 Music Business Studies **(or)**	3	
	MUSB 225 Entertainment & Music Promotion	(3)	
	MUSB 226 MIDI and Computer Applications	3	
	MUSB 227 Studio and Performance Production Operations	4	
	MUSB 228 Audio Technology	4	
		17	

RECOMMENDED COURSE SEQUENCE FOR ALL FULL-TIME STUDENTS

Fall Semester I

MUSB 111	3
MUSB 214 **or** 225	3
MUSB 226	3
MUSB 227	4
MUSB 228	4