

AUDIO PRODUCTION



Program Contact

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Audio Production

*Broadcast and sound engineering technicians set up, operate, and maintain the electrical equipment for radio programs, television broadcasts, concerts, sound recordings, and movies. They operate, monitor, and adjust audio, video, lighting, and broadcast equipment to ensure consistent quality, set up and take down equipment for events and live performances, and install audio, video, and lighting equipment in hotels, offices, and schools. They are also responsible for recording speech, music, and other sounds on recording equipment or computers, synchronizing sounds and dialogue with action taking place on television or in movie productions, and converting video and audio records to digital formats for editing on computers. In addition, they report any problems that arise with complex equipment, make routine repairs, and keep records of recordings and equipment used.**

The Program

The Audio Production Certificate at FCC provides the core skills needed to function in and prepare students for entry into the growing audio production profession. Audio production requires creative problem-solving rooted in a strong conceptual and practical foundation. In hands-on classes, students explore the concepts, tools, and techniques of the audio industry using hardware and software they will encounter in the workplace.

Program Objectives

- Demonstrate command in the operation of industry standard hardware and software
- Assimilate the responsibilities and standards associated with the professional audio industry by participating in an internship
- Research and execute music productions in a variety of genres
- Develop effective problem solving and critical thinking through the application of fundamental acoustic principles
- Plan and execute music productions that reflect an awareness of current industry aesthetic values and quality standards
- Evaluate music productions using the fundamental principles of aural and written music theory

Skills Needed

- Creative Thinking
- Craftsmanship
- Communication and research skills
- Ability to work independently and with clients and co-workers
- Versatility and Flexibility
- Ability to give and accept input and criticism

Growth Potential & Estimated Salaries

The median annual wage for broadcast and sound engineering technicians was \$41,780 in May 2015. Employment of broadcast and sound engineering technicians is projected to grow 7 percent from 2014 to 2024. Growth is expected to stem from businesses, schools, and radio and television stations seeking new equipment to improve their audio and video capabilities.*

Financial Assistance

FCC participates in federal, state and local financial aid programs. Students are encouraged to apply for financial aid, and for scholarships offered by the College and community. Financial aid applications are available in the Financial Aid Office, J301, or online at www.fafsa.ed.gov. The scholarship application is available at www.frederick.edu.

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Certificate

Course	Credits
Departmental Requirements	
MU 103 Fundamentals of Music	3
MU 106 Aural and Keyboard Skills**	1
BU 109 Entrepreneurship and Small Business Enterprise	3
MU 130 Foundations of Audio Technology	3
MU 135 Audio Recording Techniques	3
MU 145 Publishing, Licensing, and Copyrighting	3
MU 230 Studio Recording Techniques	3
MU 235 Advanced Audio Production	3
MU 240 MIDI Music Production Techniques	3
INTR 102 Internship	2
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*Source: Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2016-17 Edition, Broadcast and Sound Engineering Technicians

** MU103 may be taken concurrently with MU106 with the permission of the program manager.

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at www.frederick.edu/gainfulemployment.

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For more information on Audio Production:

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