



Music Technology: Digital Audio Engineering

Associate in Applied Arts and Sciences (AAAS)

Planning Guide 2017-2018

EPC 2821

Program Information:

Length of Program: 110 Credits
Completion Award: A.A.A.S. Degree
Enrollment: Fall (recommended), Winter, Spring

Approximate Quarterly Costs: \$25-\$85
(in addition to tuition, books and parking)

Website: www.shoreline.edu/music/musictech.aspx

Program Advisor:

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Program Description:

The Digital Audio Engineering Associate in Applied Arts and Sciences degree is designed to prepare students for careers in linear and non-linear digital applications. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Music should follow the Music AA-DTA transfer degree planning guide. Some schools accept credits from this program toward a more advanced degree.

Digital Audio Engineering—What is it?

Audio engineers use hardware and software to record, store and edit musical and non-musical sounds. The program provides students with an overview of music theory, performance, audio recording, digital and analog audio technology, Internet, and multimedia applications. Focus is on Macintosh applications.

Program Outcomes:

Students who successfully complete this program **-by achieving a GPA of 2.0 or better for the entire program-**should be able to:

1. Create audio recordings and provide mastering of material for distribution.
2. Create radio commercials as well as educational and instructional industrial products.
3. Create new and enhanced audio for existing video and film transfers.
4. Explain and apply Musical Instrument Digital Interface (MIDI) technology and digital audio technology.
5. Identify current production values, trends and industry standards affecting production today.
6. Demonstrate basic music theory including ear training, sight reading, and keyboard proficiency

Career Opportunities—What can I do with a Degree in Digital Audio Engineering

The rapid development of recent technology continues to create growth in the audio engineering and music recording industry. Graduates are hired as Audio Engineers, Sound Designers, Recording Engineers, Sound Reinforcement Engineer & Mastering Engineers.

Potential employers include: These positions are available in post-production houses and a variety of other related businesses within the music, radio, television, film and multimedia industries. Many digital audio specialists work on a freelance or contract basis. For more, please visit career information and resources at <http://www.shoreline.edu/counseling-center/career-counseling.aspx>.

Digital Audio Engineering Planning Guide—2017–2018 | Associate in Applied Arts and Sciences (A.A.A.S.)

Program Prerequisites: There are no prerequisites to start this program. ENGL& 101 or BTWRT 215 or an equivalent transfer course is a degree requirement; the prerequisite is college English or ENGL 099 or BTWRT 115 or placement at the ENGL& 101 level. Completion of BUSTC 105 or MATH& 148 is a degree requirement; MUSTC 105 Acoustics may be substituted for this math component. The prerequisite for MUSTC 106 is placement into college-level algebra. Students without secure knowledge of music fundamentals and keyboard ability should take MUSC 100 and MUSC 120 before taking MUSC& 141

A.A.A.S. DEGREE – 110 Credits

CORE CURRICULUM 19 Credits				
Course		QTR	GR	CR
ENGL& 101	English Composition I			5
MUSTC 106	Acoustics of Music			5
CMST 203 <i>or</i> MCS 105	Multicultural Communication Intro to Multicultural Studies			5
BUS 105	Essentials of Human Relations			2
VCT 124	Basic Macintosh Systems			2

MUSIC TECH/MUSIC REQUIREMENTS 89 Credits				
Course		QTR	GR	CR
MUSC& 141	Music Theory I			5
MUSC& 142	Music Theory II			5
MUSC 139	Intro to Sibelius			3
MUSC 151	Class Piano/Theory I			2
MUSC 152	Class Piano/Theory II			2
MUSTC 100	Career Development			2
MUSTC 101	Music Recording/Publishg			2
MUSTC 102	Right/Methods-Mltimedia			2
MUSTC 121	1 st Year Audio Recordg 1			3
MUSTC 122	1 st Year Audio Recordg 2			3
MUSTC 123	1st Year Audio Recordg 3			3
MUSTC 131	Digital Audio Prodctn 1			3
MUSTC 132	Digital Audio Prodctn 2			3
MUSTC 133	Digital Audio Prodctn 3			3
MUSTC 143	Intro Pop/Com Mus Theory			3
MUSTC 151	Intro to MIDI			2
MUSTC 152	MIDI Sequencing 1			2
MUSTC 221	Multitrack Music Prod 1			3
MUSTC 222	Multitrack Music Prod 2			3
MUSTC 223	Multitrack Music Prod 3			3

Course		QTR	GR	CR
MUSTC 231	Audio Post-I Production			5
MUSTC 232	Audio Post II RadioProd			5
MUSTC 233	Audio Post III-D Aud/Vid			5
MUSTC 241	Pop/Com Music Theory I			5
MUSTC 242	Pop/Com Music Theory II			5
MUSTC 243	Pop/Com Music Theory III			5
MUSTC 250	Pop Piano			2
MUSTC 274	Portfolio Development			2

RECOMMENDATIONS:

<u>APPROVAL TO GRADUATE</u>	
_____ <i>Student Name & SID</i>	_____ <i>Date</i>
_____ <i>Faculty Advisory</i>	_____ <i>Date</i>
_____ <i>Division Dean</i>	_____ <i>Date</i>
_____ <i>Credential Approval</i>	_____ <i>Date</i>

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

Sample Schedule for A.A.A.S. Degree

1st Year	2nd Year
<p>Fall Quarter</p> <p>VCT 124 Basic Macintosh Systems</p> <p>MUSC& 141 Music Theory I</p> <p>MUSIC 151 Class Piano/Theory I</p> <p>MUSTC 100 Career Development</p> <p>MUSTC 121 1st Yr Audio Rec 1</p> <p>MUSTC 131 Digital Audio Prod 1</p> <p>MUSTC 151 Intro to MIDI</p> <p>Winter Quarter</p> <p>MUSC& 142 Music Theory II</p> <p>MUSC 139 Intro to Sibelius</p> <p>MUSC 152 Class Piano/Theory II</p> <p>MUSTC 101 Music Recording/Pub</p> <p>MUSTC 122 1st Yr Audio Rec 2</p> <p>MUSTC 132 Digital Audio Prod 2</p> <p>Spring Quarter</p> <p>ENGL& 101* English Composition I</p> <p>MUSTC 102 Rights/Method-Mltimedia</p> <p>MUSTC 123 1st Yr Audio Rec 3</p> <p>MUSTC 133 Digital Audio Prod 3</p> <p>MUSTC 143 Intro Pop/Com Mus Theory</p> <p>MUSTC 250 Pop Piano</p>	<p>Fall Quarter</p> <p>CMST 203* Communicating Across Differences</p> <p>MUSTC 221 Multitrack Music Prod 1</p> <p>MUSTC 231 Audio Post-I Prod</p> <p>MUSTC 241 Pop/Commercial Music Theory</p> <p>Winter Quarter</p> <p>BUS 105* Essentials of Human Relations</p> <p>MUSTC 152 MIDI Sequencing I</p> <p>MUSTC 222 Multitrack Music Prod 2</p> <p>MUSTC 232 Audio Post II Radio Prod</p> <p>MUSTC 242 Pop/Commercial Music Theory 2</p> <p>Spring Quarter</p> <p>MUSCT 106* Acoustics of Music</p> <p>MUSTC 223 Multitrack Music Prod 3</p> <p>MUSTC 233 Audio Post III-D Aud/Vid</p> <p>MUSTC 243 Pop/Commercial Music Theory 3</p> <p>MUSTC 274 Portfolio Development</p>

* Courses meet the General Education/Related Instruction Requirements

** MUSC& 241, 242, 243 (Traditional Theory) may be substituted for MUSTC 241, 242, 243