

## Program Information Report

## Broadcast, Communication, Visual, Digital &amp; Fine Arts

## Audio Production and Engineering (CTMPEA)

## Certificate

Program Effective Term: Fall 2021

High Demand Occupation High Skill Occupation High Wage Occupation

This program is designed for students who wish to develop skills in audio production and engineering that can be applied to multiple industries from music to the digital media arts. Students will assess their personal skills and interests against emerging trends in the industry and be given instruction and the opportunity to receive nationally recognized Avid Pro Tools certification. In addition, students will enhance their engineering skills in multiple recording and live sound settings from solo or group recording to live event reinforcement. Students will also advance their understanding of keyboard theory, music composition for software and develop a professional portfolio and resume by collaborating and networking with clients and professionals in their industry.

Major/Area Requirements		(21 credits)
AUD 170	Introduction to Audio Technology	3
AUD 180	Pro Tools Fundamentals I	2
AUD 181	Pro Tools Fundamentals II	2
AUD 240	Audio Production Techniques I	3
AUD 248	Introduction to Live Sound	3
AUD 250	Audio Production Techniques II	3
AUD 286	Music/Audio Project and Portfolio Production	3
	Restricted Elective (select one): COM 150, MUS 154 or any ANI, GDT, PHO or WEB course	2-3

Minimum Credits Required for the Program:

21

**PROGRAM CHANGE OR DISCONTINUATION FORM**

Program Code: **CTMPEA** Program Name: **Audio Production and Engineering**  
 Division Code: **BCT** Department: **Digital Media Arts**

Effective Term: **Fall 2021**

**Directions:**

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

**Requested Changes:**

- |   |   |
|---|---|
| <input type="checkbox"/> Review   | <input type="checkbox"/> Program admission requirements   |
| <input checked="" type="checkbox"/> Remove course(s): <u>AUD 175, 245 and 275</u>   | <input type="checkbox"/> Continuing eligibility requirements  |
| <input checked="" type="checkbox"/> Add course(s): <u>AUD 180, 181, 240 and 250</u> | <input type="checkbox"/> Program outcomes   |
| <input type="checkbox"/> Program title (title was _____)                            | <input type="checkbox"/> Accreditation information  |
| <input type="checkbox"/> Description  | <input type="checkbox"/> Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses) |
| <input type="checkbox"/> Type of award  | <input type="checkbox"/> Other _____  |
| <input type="checkbox"/> Advisors   |   |
| <input type="checkbox"/> Articulation information                                   |   |

**Show all changes on the attached page from the catalog.**

**Rationale for proposed changes or discontinuation:**


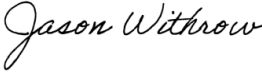

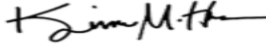
Program changes being made to reflect what is needed for students to be successful in program as well as guided by industry standards. See last page for full program details.

- AUD 175: REMOVAL - REPLACING WITH AUD 180 AND AUD 181; Curriculum designed to be delivered in two sections to allow for enough time to cover and learn all material.
- AUD 180: COURSE ADDITION- "PRO TOOLS FUNDAMENTALS I"
- AUD 181: COURSE ADDITION- "PRO TOOLS FUNDAMENTALS II"
- AUD 240: COURSE ADDITION- "AUDIO PRODUCTION TECHNIQUES I"
- AUD 245: REMOVAL – REPLACING WITH AUD 240 AND AUD 250; Curriculum designed to be delivered in two sections to allow for enough time to cover and learn all material.
- AUD 250 – NEW COURSE "AUDIO PRODUCTION TECHNIQUES II"
- AUD 275 – REMOVE COURSE FROM THIS CERTIFICATE – COURSE WILL BE EMBEDDED IN AN ADVANCED CERTIFICATE AT A LATER DATE
- RESTRICTED ELECTIVES – CHANGE TO: (SELECT ONE): MUS 154, COM 150, OR ANY DMA COURSE – 2-3 CREDIT HOURS
- A syllabus update for AUD 286 will be submitted to remove AUD 275 as a prerequisite.

**Financial/staffing/equipment/space implications:**

**List departments that have been consulted regarding their use of this program.**

**Signatures:**

Reviewer	Print Name	Signature	Date
Initiator	David Clipner		2/2/2021
Department Chair	Jason Withrow		2/2/2021
Division Dean/Administrator	Eva Samulski		2/3/2021
<b>Please submit completed form to the Office of Curriculum and Assessment (SC 257).</b> Once reviewed by the appropriate faculty committees we will secure the signature of the VPI and President.			
Vice President for Instruction	Kimberly Hurns		3/2/2021
President	Rose B. Bellanca		

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Reviewed by C&A Committees on 2/18/21

Program Information Report

**School of Music and Performing Arts**

Students learn basic creative and performance skills in music, drama and dance and how they are applied in a professional setting. Whether you are exploring your own talents, coordinating the talents of others, or practicing the techniques you will need to make a living at your craft, the School of Music and Performing Arts provides the fundamentals you need.

Washtenaw Community College offers a certificate for students who want to begin new careers, or advance in their existing careers. The certificate can vary from nine to thirty-six credits, depending on the field. Certificates generally prepare students for entry-level jobs. Students preparing for a four-year degree program can begin their studies by obtaining a Liberal Arts Transfer Associate in Arts degree, which is transferrable to most baccalaureate programs. This degree is described in the Transfer and University Parallel Programs section of the catalog.

Alternatively, students can earn an AAS in Occupational Studies by completing a certificate and General Education requirements.

**Music and Performing Arts**

Develop the skills for a career in music engineering or production through this certificate program.

**Audio Production and Engineering (CTMPEA)**

**Certificate**

**Program Effective Term: Fall 2016**

**High Demand Occupation High Skill Occupation High Wage Occupation**

This program is designed for students who wish to develop skills in audio production and engineering that can be applied to multiple industries from music to the digital media arts. Students will assess their personal skills and interests against emerging trends in the industry and be given instruction and the opportunity to receive nationally recognized Avid Pro Tools certification. In addition, students will enhance their engineering skills in multiple recording and live sound settings from solo or group recording to live event reinforcement. Students will also advance their understanding of keyboard theory, music composition for software and develop a professional portfolio and resume by collaborating and networking with clients and professionals in their industry.

Major Area Requirement		(19 credits)
MUS 170	Introduction to Audio Technology	3
MUS 175	Audio Recording Technology (Pro Tools Certification)	3
MUS 245	Composition and Arranging for Keyboard	2
MUS 248	Sound Reinforcement for Stage	3
MUS 275	Advanced Audio Recording Technology	3
MUS 286	Music/Audio Project and Portfolio Production	3
	Restricted Elective (select one): MUS 140, MUS 142, MUS 147, MUS 154, MUS 155 or MUS 285	2-3

**Minimum Credits Required for the Program: 19**

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: ~~CTMPRO~~ CTMPEA

Program Name: Audio Production and Engineering

Effective Term: Fall 2016

Division Code: HSS

Department: Performing Arts

**Directions:**

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

**Requested Changes:**

- |  |   |
|--|---|
| <input type="checkbox"/> Review  | <input type="checkbox"/> Program admission requirements   |
| <input checked="" type="checkbox"/> Remove course(s): <u>MUS 162, 285</u>                          | <input type="checkbox"/> Continuing eligibility requirements  |
| <input checked="" type="checkbox"/> Add course(s): <u>MUS 286 &amp; electives</u>                  | <input checked="" type="checkbox"/> Program outcomes  |
| <input checked="" type="checkbox"/> Program title (title was <u>Music Production/Engineering</u> ) | <input type="checkbox"/> Accreditation information  |
| <input checked="" type="checkbox"/> Description  | <input type="checkbox"/> Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses) |
| <input type="checkbox"/> Type of award   | <input type="checkbox"/> Other _____  |
| <input checked="" type="checkbox"/> Advisors   |   |
| <input type="checkbox"/> Articulation information  |   |

Show all changes on the attached page from the catalog.

**Rationale for proposed changes or discontinuation:** *The reason for this change is*  
 To create a program that is closer to Audio Recording industry standards, offer a Nationally recognized certification (Pro-Tools), create a program that better utilizes facilities, and encourages students to interact with college/community "clients" in producing original audio for student Audio portfolio.

**Financial/staffing/equipment/space implications:**

\$7,500 for Pro-Tools certification of all PT faculty (six) – requested through the Foundation, and \$4,500 of equipment upgrades... as well as facilities support to switch MLB 152 and 154 so that the spaces are better utilized, expand enrollments from 15 to 20, and create and utilize MLB 152 as a recording studio for student projects.

**List departments that have been consulted regarding their use of this program.**

Online learning... we will work with WCC Promotions/Marketing, and Video Dept. as well as community groups as the program expands and students get to final projects courses.

**Signatures:**

Reviewer	Print Name	Signature	Date
Initiator	Michael Naylor		1-26-16
Department Chair	Noonie Anderson		1-26-16
Division Dean/Administrator	Kris Good		1-26-16
Vice President for Instruction	Michael Nealon		2/2/16
President			

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Please submit completed form to the Office of Curriculum and Assessment (SC 257).

## Music Production/Engineering (CTMPRO)

### Certificate

- 2013 - 2014
- 2014 - 2015
- 2015 - 2016

### Old Description

This program is designed for students who want to develop skills in music production and engineering that can be applied to jobs in TV, radio, and music studios. It provides the student with the knowledge and skills necessary for employment in jobs such as a music sequencer or sound engineer, operating mixing consoles for a variety of events including band production, concerts, music festivals, and running studios. Students will develop skills in audio recording, computer applications, sound reinforcement, and sequencing and programming. While in the program, students will be affiliated with the International Alliance of Theatrical Stage Employees, and will assist WCC Media Services in producing events for the College.

### New Description

This program is designed for students who wish to develop skills in audio production and engineering <sup>and</sup> as can be applied to multiple industries from music to the digital media arts. Students will assess their personal skills and interests against emerging trends in the industry and be given instruction and the opportunity to receive nationally recognized Avid Pro Tools certification. In addition, students will enhance their engineering skills in multiple recording and live sound settings from solo or group recording to live event reinforcement. Students will also advance their understanding of keyboard theory, music composition for software, and develop a professional portfolio and resume by collaborating and networking with clients and professionals in the industry.

### Contact Information

Division

Humanities, Social & Behav Sci

Department

Performing Arts Dept

Advisors

### Requirements - Major/Area Requirements

Class	Title	Credits
<u>MUS 162</u>	<del>Music Sequencing and Programming</del>	3
MUS 170	Computer Applications in Music	3
MUS 175	Audio Recording Technology I	3
MUS 245	Music Producing and Arranging	2

<u>MUS 248</u>	Sound Reinforcement for Stage	3
<u>MUS 275</u>	Audio Recording Technology II	3
<u>MUS 286</u>	Music/Audio Project and Portfolio Production	3 <small>NEW</small>
<u>MUS 285</u>	<del>Self Management for Working Artists</del>	<del>3</del>

Restricted Elective Select one of MUS 140, 142, 147, 285, or MUS 154 <sup>3</sup> <sup>2</sup> <sup>3</sup> <sup>3</sup> <sup>2</sup> OK <sup>2-43</sup>  
 155 <sup>2</sup>

Total <sup>19</sup>  
 Total Credits Required <sup>20-21 20</sup>  
<sup>19</sup> 20-21 20

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: CTMPRO Program Name: Music Production/ Engineering

Effective Term: Fall 2008

Division Code: HSS Department: PERD

**Directions:**

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

**Requested Changes:**

- |  |   |
|--|---|
| <input type="checkbox"/> Review                                  | <input type="checkbox"/> Program admission requirements   |
| <input type="checkbox"/> Remove course(s): _____                 | <input type="checkbox"/> Continuing eligibility requirements  |
| <input checked="" type="checkbox"/> Add course(s): MUS 285 _____ | <input type="checkbox"/> Program outcomes   |
| <input type="checkbox"/> Program title (title was _____)         | <input type="checkbox"/> Accreditation information  |
| <input type="checkbox"/> Description                             | <input type="checkbox"/> Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses) |
| <input type="checkbox"/> Type of award                           | <input type="checkbox"/> Other _____  |
| <input type="checkbox"/> Advisors                                |   |
| <input type="checkbox"/> Articulation information                |   |

Show all changes on the attached page from the catalog.

**Rationale for proposed changes or discontinuation:**

1. The knowledge gained by taking this course will help the student build a career in music production/engineering.
2. To conform to the music performance certificates.

**Financial/staffing/equipment/space implications:**

N/A

**List departments that have been consulted regarding their use of this program.**

N/A

**Signatures:**

Reviewer	Print Name	Signature	Date
Initiator	John E. Lawrence	<i>John E. Lawrence</i>	11-12-07
Department Chair	Tracy Komarmy	<i>Tracy Komarmy</i>	11.12.07
Division Dean/Administrator	Bill Abernethy	<i>Bill Abernethy</i>	DEC 10 2007
Vice President for Instruction	Roger Palay	<i>Roger M. Palay</i>	2/4/08

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Please submit completed form to the Office of Curriculum and Assessment and email an electronic copy to [sjohn@wccnet.edu](mailto:sjohn@wccnet.edu) for posting on the website.



Program Information Report

**School of Music and Performing Arts**

**Music and Performing Arts**

**Music Production/Engineering (CTMPRO)**

**Certificate**

**Program Effective Term: Fall 2008**

This program is designed for students who want to develop skills in music production and engineering that can be applied to jobs in TV, radio, and music studios. It provides the student with the knowledge and skills necessary for employment in jobs such as a music sequencer or sound engineer, operating mixing consoles for a variety of events including band production, concerts, music festivals, and running studios. Students will develop skills in audio recording, computer applications, sound reinforcement, and sequencing and programming. While in the program, students will be affiliated with the International Alliance of Theatrical Stage Employees, and will assist WCC Media Services in producing events for the College.

Major/Area Requirements		(20 credits)
MUS 162	Music Sequencing and Programming	3
MUS 170	Computer Applications in Music	3
MUS 175	Audio Recording Technology I	2
MUS 245	Music Producing and Arranging	3
MUS 248	Sound Reinforcement for Stage	3
MUS 275	Audio Recording Technology II	3
MUS 285	Self Management for Working Artists	3

**Minimum Credits Required for the Program:**

**20**

## Music Production/Engineering (CTMPRO)

### Certificate

Program Effective Term: Fall 2004

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This program is designed for students who want to develop skills in music production and engineering that can be applied to jobs in TV, radio, and music studios. It provides the student with the knowledge and skills necessary for employment in jobs such as a music sequencer or sound engineer, operating mixing consoles for a variety of events including band production, concerts, music festivals, and running studios. Students will develop skills in audio recording, computer applications, sound reinforcement, and sequencing and programming. While in the program, student will be affiliated with the International Alliance of Theatrical Stage Employees, and will assist WCC Media Services in producing events for the College.

#### Major/Area Requirements

(17 credits)

MUS 162	Music Sequencing & Programming	3
MUS 170	Computer Applications in Music	3
MUS 175	Audio Recording Technology I	3
MUS 245	Music Producing and Arranging	2
MUS 248	Sound Reinforcement for Stage	3
MUS 275	Audio Recording Technology II	3

Minimum Credits Required for the Program:

17

PROGRAM APPROVAL DOCUMENT (PAD)

Program Name: Music Production/Engineering Certificate Program Code:

Division: H&SS Department: Performing Arts CIP Code:

Type of Award:  A.A.  A.S.  A.A.S.  Certificate  Certificate of Completion  Advanced Certificate  Post/Cert

Is this an occupational program eligible for Perkins Funding?  yes  no Effective Year: Fall 2003

**Program Features**

Provide a general description of the program's purpose and general goals. State the criteria for entry into the program, along with projected enrollment figures. Explain any connection to other WCC programs, as well as accrediting agencies or professional organizations. Note any special features of the program, such as jobs for which the student will be prepared, as well as potential career paths.

This program is designed to train students for entry-level jobs in the field of music production and engineering. Typical jobs are music sequencer and sound engineer. Program completers will also be ready to seek employment operating mixing consoles for concerts and music festivals. Students will be affiliated with the International Alliance of Theatrical Stage Employees and can assist the WCC Media Services. Enrollment for the first year will be approximately 20 students.

**Need**

State the need for the program and provide evidence to support the stated need.

Audio recording technology courses have been offered at WCC for over ten years and have consistently exceeded maximum enrollments, suggesting a high level of interest. There are many jobs in TV, radio, and music studios that require music production and engineering skills.



**Outcomes**

State the overall knowledge to be gained, skills to be learned, and attitudes to be developed by students who participate in this program.

Students will develop competence in a variety of music engineering and production skills, including audio recording, computer applications, sound reinforcement, and sequencing and programming.

**Curriculum**

List the sequence of courses in the program by semester, including credit hours, co- and pre-requisites.

Course ID	Title	Credit	Contact Hours	Pre-requisites/Co-requisites
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- Mus 162 Sequencing and Programing 3 credits**
- Mus 170 Computer Applications in Music, 3 credits**
- Mus 175, Audio Recording Technology I 3 credits**
- Mus 245, Music Arranging and Producing, 3 credits**
- Mus 248, Sound Reinforcement, 3 credits**
- Mus 275, Audio Recording Technology II, 3 credits**

Credits required to complete the program: 18

**Assessment**

Describe the assessment process that will be used to determine the effectiveness of the program.

The student will develop and maintain a portfolio for assessment evaluation upon completion of the program.

**Budget**

Specify program costs in the following areas, per academic year, including any start-up costs: faculty, training, travel, materials, resources, facilities, equipment, and any other costs.

Existing faculty and space; start-up equipment costs approximately \$5000 (see attached).

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Approval Recommended:	Print Name	Signature	Date
Program Initiator:	<u>John E. Lawrence</u>	<u>[Signature]</u>	<u>                    </u>
Dept. Chair/Director:	<u>[Signature]</u>	<u>Tracy Komaromy</u>	<u>3.10.03</u>

Dean/Administrator: [Signature] 03/18/03

VP of Instruction: [Signature] 3/26/03

President: [Signature]

Date of Board Approval: \_\_\_\_\_

# Music

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## Music Production/Engineering (CTMPRO) Certificate

'UNDER CONSTRUCTION'

Program Effective Term: Fall 2003

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This program is designed to train students for entry-level jobs in the field of music production and engineering. Typical jobs are music sequencer and sound engineer. Students who complete the program will be ready to seek employment operating mixing consoles for concerts and music festivals. Many jobs in TV, radio, and music studios require music production and engineering skills. Students will be affiliated with the International Alliance of Theatrical Stage Employees, and can assist the WCC Media Services in producing events.

**Humanities and Social Sciences Division**  
**Performing Arts Department**

**Advisor:**

### Major/Area Requirements

**(17 Credits)**

MUS 162	Music Sequencing & Programming	3
MUS 170	Computer Applications in Music	3
MUS 175	Audio Recording Technology I	3
MUS 245	Music Producing and Arranging	2
MUS 248	Sound Reinforcement for Stage	3
MUS 275	Audio Recording Technology II	3

**Minimum Credits Required for the Program:**

**17**