



**COURSE OUTLINE : MUSIC 185**  
**D Credit – Degree Applicable**  
**COURSE ID 010110**  
**Cyclical Review: September 2020**

**COURSE DISCIPLINE :** MUSIC  
**COURSE NUMBER :** 185  
**COURSE TITLE (FULL) :** Pro Tools 101  
**COURSE TITLE (SHORT) :** Pro Tools 101

**CATALOG DESCRIPTION**

Music 185 is an introductory course in the principles and operation of Pro Tools software. Fundamental software configuration and operation are covered all the way from project set up to session mixdowns. Students build skills through hands on Pro Tools projects that include session setup, audio recording, importing media, MIDI (musical instrument digital interface) recording, editing, navigating, mixing, and session completion. This course is the first class in the Pro Tools Operator certification program and prepares students for the Pro Tools 101 certification exam. The certification exam may be taken at the conclusion of the course.

Total Lecture Units: 1.50

Total Laboratory Units: 0.00

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Total Lecture Hours: 27.00

Total Laboratory Hours: 0.00

Total Laboratory Hours To Be Arranged: 0.00

**Total Contact Hours: 27.00**

**Total Out-of-Class Hours: 54.00**

Recommended Preparation: MUSIC 178 or equivalent.



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**ENTRY STANDARDS**

	<b>Subject</b>	<b>Number</b>	<b>Title</b>	<b>Description</b>	<b>Include</b>
1	MUSIC	178	Introduction To Recording and Digital Audio Production	Summarize the different roles and processes involved in recording;	No
2	MUSIC	178	Introduction To Recording and Digital Audio Production	summarize signal processing techniques;	No
3	MUSIC	178	Introduction To Recording and Digital Audio Production	explain microphone designs, characteristics, and applications;	No
4	MUSIC	178	Introduction To Recording and Digital Audio Production	describe current audio recording procedures;	No
5	MUSIC	178	Introduction To Recording and Digital Audio Production	explain sound, hearing, and acoustics concepts;	No
6	MUSIC	178	Introduction To Recording and Digital Audio Production	discuss the differences in studio types and designs;	No
7	MUSIC	178	Introduction To Recording and Digital Audio Production	explain the processes and equipment involved in analog recording;	No
8	MUSIC	178	Introduction To Recording and Digital Audio Production	explain the processes, hardware, and software used in digital recording;	No
9	MUSIC	178	Introduction To Recording and Digital Audio Production	explain current audio formats;	No
10	MUSIC	178	Introduction To Recording and Digital Audio Production	describe audio console operation and basic mixing concepts;	No



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11	MUSIC	178	Introduction To Recording and Digital Audio Production	discuss speakers and monitoring concepts;	No
12	MUSIC	178	Introduction To Recording and Digital Audio Production	summarize the mastering process and mastering techniques;	No
13	MUSIC	178	Introduction To Recording and Digital Audio Production	recognize current methods of audio product manufacturing.	No

**EXIT STANDARDS**

- 1 Describe what Pro Tools software is;
- 2 describe the differences in Pro Tools configurations and options;
- 3 demonstrate proper file and session structure management;
- 4 operate and configure Pro Tools sessions;
- 5 demonstrate basic audio recording;
- 6 demonstrate audio, MIDI, and video importing;
- 7 demonstrate MIDI recording and management;
- 8 operate virtual instruments and real-time plug-ins;
- 9 manipulate regions, markers, and fades;
- 10 demonstrate basic mixing and automation techniques;
- 11 produce session backups and mix downs;
- 12 complete hands-on Pro Tools projects.

**STUDENT LEARNING OUTCOMES**

- 1 identify the fundamental elements, features, and capabilities of Pro Tools software and its various related hardware systems
- 2 operate the basic set-up, editing, and file management features of Pro Tools software
- 3 demonstrate basic audio and MIDI recording and editing capabilities in Pro Tools
- 4 complete Pro Tools projects that utilize basic importing, navigating, editing, signal processing, and mixing techniques

**COURSE CONTENT WITH INSTRUCTIONAL HOURS**

	Description	Lecture	Lab	Total Hours
1	Getting to Know Pro Tools <ul style="list-style-type: none"> <li>• The Avid certification program</li> <li>• What Pro Tools is</li> <li>• History of Digi design/Avid</li> <li>• Digital audio basics</li> <li>• Pro Tools systems, configurations, and options</li> </ul>	2	0	2



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2	Getting Inside Pro Tools <ul style="list-style-type: none"> <li>• File structure</li> <li>• Starting Pro Tools</li> <li>• Pro Tools software interface</li> <li>• Edit window functions and features</li> </ul>	2	0	2
3	Creating a Pro Tools Session <ul style="list-style-type: none"> <li>• Creating sessions</li> <li>• Configuring sessions</li> <li>• Playback and edit cursors and control</li> <li>• Saving, locating, and opening existing sessions</li> </ul>	2	0	2
4	Making a Basic Pro Tools Recording <ul style="list-style-type: none"> <li>• Hardware requirements for recording</li> <li>• Recording preparations</li> <li>• Recording and managing audio</li> <li>• Organizing after recording</li> </ul>	3	0	3
5	Importing Media into Pro Tools Sessions <ul style="list-style-type: none"> <li>• Import considerations</li> <li>• Importing audio</li> <li>• Importing video</li> </ul>	2	0	2
6	Basic MIDI Recording in Pro Tools <ul style="list-style-type: none"> <li>• MIDI fundamentals</li> <li>• Using MIDI in Pro Tools</li> <li>• MIDI recording preparations</li> <li>• Using virtual instruments</li> <li>• Recording MIDI</li> <li>• Viewing and editing MIDI data</li> </ul>	3	0	3
7	Selecting and Navigating in Pro Tools <ul style="list-style-type: none"> <li>• Views and selections</li> <li>• Working with selections</li> <li>• Adjusting the session view</li> <li>• Adding markers to sessions</li> </ul>	2	0	2
8	Basic Pro Tools Editing Techniques <ul style="list-style-type: none"> <li>• Playback options</li> <li>• Configuring and using the edit modes</li> <li>• Editing regions</li> <li>• Moving and trimming regions</li> <li>• Creating fade effects</li> <li>• Undoing work</li> </ul>	3	0	3
9	Basic Pro Tools Mixing Techniques <ul style="list-style-type: none"> <li>• Basic mixing topology and terminology</li> <li>• The mix window</li> <li>• Basic automation</li> <li>• Real-time plug-ins</li> </ul>	4	0	4



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10	Finishing Session Work in Pro Tools • Backing up sessions • Creating stereo mix downs • Burning songs to CD (compact disc)	2	0	2
11	Pro Tools 101 Official Hands-On Projects • Music hands-on project • Post hands-on project	2	0	2
				<b>27</b>

**OUT OF CLASS ASSIGNMENTS**

- 1 reading;
- 2 listening and analysis;
- 3 exercises;
- 4 projects.

**METHODS OF EVALUATION**

- 1 participation;
- 2 project evaluations;
- 3 midterm examinations;
- 4 final examinations.

**METHODS OF INSTRUCTION**

- Lecture
- Laboratory
- Studio
- Discussion
- Multimedia
- Tutorial
- Independent Study
- Collaboratory Learning
- Demonstration
- Field Activities (Trips)
- Guest Speakers
- Presentations



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**TEXTBOOKS**

<b>Title</b>	<b>Type</b>	<b>Publisher</b>	<b>Edition</b>	<b>Medium</b>	<b>Author</b>	<b>ISBN</b>	<b>Date</b>
Pro Tools 101: Pro Tools fundamentals I: for Pro Tools 12.8 software	Required	NextPoint Training, Inc.		Text	Cook, Frank	9781943446476	2017