

Glendale College  
**Course Outline of Record Report**  
01/31/2025

## MUSIC186 : Pro Tools 110

### General Information

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Attachments:	DE Addendum_MUS_186 COR_1:9:2024 CoDE_4:23:2024.pdf
Course Code (CB01) :	MUSIC186
Course Title (CB02) :	Pro Tools 110
Department:	MUSIC
Proposal Start:	Fall 2024
TOP Code (CB03) :	(1005.00) Commercial Music
CIP Code:	(10.0203) Recording Arts Technology/Technician.
SAM Code (CB09) :	Clearly Occupational
Distance Education Approved:	No
Will this course be taught asynchronously?:	No
Course Control Number (CB00) :	CCC000579321
Curriculum Committee Approval Date:	11/08/2023
Board of Trustees Approval Date:	01/09/2024
Last Cyclical Review Date:	11/08/2023
Course Description and Course Note:	MUSIC 186 is an intermediate course in the essential principles and operation of Pro Tools software. Intermediate software configuration, operation, and features are covered all the way from project creation to session completion. Students build skills through hands on Pro Tools projects that include customizing setups, working with external controllers, managing session data and media, loop recording MIDI (musical instrument digital interface) and audio, using virtual instruments and Elastic Audio, working with Beat Detective and Audio Suite, and using intermediate editing, automation, and mixing techniques. This course is the second course in the Pro Tools Operator certification program and prepares students for the Pro Tools 110 certification exam, which may be taken at the conclusion of the course.
Justification:	Mandatory Revision
Academic Career:	<ul style="list-style-type: none"><li>Credit</li></ul>
Mode of Delivery:	No value
Author:	No value
Course Family:	No value

### Academic Senate Discipline

Primary Discipline:	<ul style="list-style-type: none"><li>Music</li></ul>
Alternate Discipline:	No value
Alternate Discipline:	No value

## Course Development

### Basic Skill Status (CB08)

Course is not a basic skills course.

Allow Students to Gain Credit by Exam/Challenge

### Course Special Class Status (CB13)

Course is not a special class.

### Pre-Collegiate Level (CB21)

Not applicable.

### Grading Basis

- Grade with Pass / No-Pass Option

### Course Support Course Status (CB26)

Course is not a support course

## General Education and C-ID

### General Education Status (CB25)

Not Applicable

### Transferability

Transferable to CSU only

### Transferability Status

Approved

## Units and Hours

### Summary

**Minimum Credit Units (CB07)** 1.5

**Maximum Credit Units (CB06)** 1.5

**Total Course In-Class (Contact) Hours** 27

**Total Course Out-of-Class Hours** 54

**Total Student Learning Hours** 81

### Credit / Non-Credit Options

#### Course Type (CB04)

Credit - Degree Applicable

#### Noncredit Course Category (CB22)

Credit Course.

#### Noncredit Special Characteristics

No Value

#### Course Classification Code (CB11)

Credit Course.

Variable Credit Course

#### Funding Agency Category (CB23)

Not Applicable.

Cooperative Work Experience Education

Status (CB10)

### Weekly Student Hours

	In Class	Out of Class
Lecture Hours	1.5	3
Laboratory Hours	0	0
Studio Hours	0	0

### Course Student Hours

<b>Course Duration (Weeks)</b>	18
<b>Hours per unit divisor</b>	0
<b>Course In-Class (Contact) Hours</b>	
Lecture	27

Laboratory	0
Studio	0
<b>Total</b>	<b>27</b>

**Course Out-of-Class Hours**

Lecture	54
Laboratory	0
Studio	0
<b>Total</b>	<b>54</b>

**Time Commitment Notes for Students**

No value

**Units and Hours - Weekly Specialty Hours**

Activity Name	Type	In Class	Out of Class
No Value	No Value	No Value	No Value

**Pre-requisites, Co-requisites, Anti-requisites and Advisories**

**Prerequisite**

MUSIC185 - Pro Tools 101

**Objectives**

- Describe what Pro Tools software is.
- Describe the differences in Pro Tools configurations and options.
- Demonstrate proper file and session structure management.
- Operate and configure Pro Tools sessions.
- Demonstrate basic audio recording.
- Demonstrate audio, MIDI, and video importing.
- Demonstrate MIDI recording and management.
- Operate virtual instruments and real-time plug-ins.
- Manipulate regions, markers, and fades.
- Demonstrate basic mixing and automation techniques.
- Produce session backups and mix downs.
- Complete hands-on Pro Tools projects.

## Entry Standards

Entry Standards

Description

No value

No value

## Course Limitations

Cross Listed or Equivalent Course

Description

No value

No value

## Specifications

Methods of Instruction

Methods of Instruction

Lecture

Methods of Instruction

Laboratory

Methods of Instruction

Multimedia

Methods of Instruction

Demonstrations

Methods of Instruction

Field Activities (Trips)

Methods of Instruction

Guest Speakers

Methods of Instruction

Presentations

Out of Class Assignments

- Reading

- Listening and analysis
- Exercises
- Projects

#### Methods of Evaluation

Activity (answering journal prompt, group activity)

Project/Portfolio

Exam/Quiz/Test

Exam/Quiz/Test

#### Rationale

Group Activities/presentations

Project evaluations

Midterm examinations

Final examinations

#### Textbook Rationale

No Value

#### Textbooks

Author	Title	Publisher	Date	ISBN
Cook, Frank	Pro Tools 110 : Pro Tools Fundamentals II / Version 12.8	Avid Technologies	2017	9781943446490

#### Other Instructional Materials (i.e. OER, handouts)

No Value

#### Materials Fee

Note: A material/lab fee may be required for this course.

### Learning Outcomes and Objectives

#### Course Objectives

Design customized Pro Tools session setups.

Distinguish the differences in various external controllers for Pro Tools.

Demonstrate file and session data management with Digi Base browsers.

Manipulate region groups.

Demonstrate intermediate audio and MIDI recording setups and techniques.

Operate loop recording and playback features of Pro Tools.

Manipulate regions using Elastic Audio.

Operate plug-in and stand-alone virtual instruments.

Manipulate MIDI and audio with editing and time-adjusting techniques.

Apply fades, color coding, and region loops.

Operate Beat Detective and apply Audio Suite processing.

Demonstrate automation modes, views, implementation and editing.

Demonstrate intermediate signal routing, signal processing, and mixing techniques.

Complete hands-on Pro Tools projects.

## SLOs

Operate the essential setup, display, and routing options of Pro Tools software. Expected Outcome Performance: 70.0

Demonstrate intermediate audio and MIDI recording and editing techniques in Pro Tools. Expected Outcome Performance: 70.0

Complete Pro Tools projects that utilize intermediate editing, signal processing, automation, and mixing techniques. Expected Outcome Performance: 70.0

## Course Content

### Lecture Content

#### Pro Tools Setup and Options (2 hours)

- Customizing session input/output setup
- Customizing session MIDI setup
- Routing MIDI
- Display options
- Optimizing host-based performance and hardware settings

**Controlling Pro Tools (3 hours)**

- Control surfaces
- Work surfaces
- Performance controllers

**Managing Session Data and Media Files (2 hours)**

- Pro Tools LE capabilities
- DigiBase and DigiBase Pro
- Importing files and session data
- Region groups

**Recording MIDI and Audio (2 hours)**

- Recording selections and session setup
- MIDI input recording options
- Loop recording MIDI and audio
- Auditioning loop recorded take

**Working with Timebases, Elastic Audio, and Virtual Instruments (3 hours)**

- Understanding track timebases
- Elastic audio basics
- Using plug-in and stand-alone virtual instruments

**Editing and Time-Adjusting MIDI and Audio (2 hours)**

- MIDI track views
- Elastic Audio track views
- Quantizing material
- MIDI real-time properties

**Audio Editing and File Management (2 hours)**

- Working with fades
- Working with AudioSuite
- Working with the region list

**Editing Techniques (3 hours)**

- Track color coding
- Region looping
- Grid editing

**Automation (3 hours)**

- Automation modes
- Enabling and suspending automation
- Playing and viewing automation
- Graphical editing of automation data
- Cutting, copying, and pasting automation data
- Deleting breakpoint automation data

**Mixing (5 hours)**

- Inserts, sends, and returns
- Using the plug-in window
- Working with submasters
- Using RTAS (real time Audio Suite) plug-ins
- Master faders
- Track grouping

**Total hours: 27**