MUSIC185 : Pro Tools 101

General Information

Author:	• Tobin Sparfeld
Course Code (CB01) :	MUSIC185
Course Title (CB02) :	Pro Tools 101
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) :	CCC000579615
Curriculum Committee Approval Date:	10/25/2023
Board of Trustees Approval Date:	12/19/2023
Last Cyclical Review Date:	10/25/2023
Course Description and Course Note:	MUSIC 185 is an introductory course in the principles and operation of Pro Tools software. Students learn fundamental software configuration and operation all the way from project set up to session mixdowns. Students also 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, which may be taken at the conclusion of the course.
Justification:	Mandatory Revision
Academic Career:	• Credit
Author:	• Tobin Sparfeld

Academic Senate Discipline

Primary Discipline:	• Music
Alternate Discipline:	
Alternate Discipline:	

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

Transferability & Gen. Ed. Options

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

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

Laboratory	0
Studio	0
Total	27

Course Out-of-Class Hours

Lecture	54
Laboratory	0
Studio	0
Total	54

Time Commitment Notes for Students

No value

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

Advisory

MUSIC178 - Introduction To Recording (in-development)

<u>Objectives</u>

- Summarize the different roles and processes involved in recording.
- Describe the principles of signal processing.
- Explain sound, hearing, and acoustics concepts.
- Explain current audio formats.
- Describe audio console operation and basic mixing concepts.
- Summarize the mastering process and mastering techniques.
- Describe common editing procedures and possibilities for recorded audio.

Entry Standards

Entry Standards

No value

Specifications

Methods of Instruction

Methods of Instruction	Lecture

Methods of Instruction	Laboratory

Methods of Instruction	Discussion

Methods of Instruction	Multimedia

Methods of Instruction	Demonstrations

Out of Class Assignments

- Reading
- Listening and analysis
- Exercises
- Projects

Methods of Evaluation	Rationale
Activity (answering journal prompt, group activity)	Exercises demonstrating aspects of software
Project/Portfolio	Project evaluations
Exam/Quiz/Test	Midterm examinations
Exam/Quiz/Test	Final examinations

Textbook Rationale

This is a classic text

Textbooks

Author	Title	Publisher	Date	ISBN
Cook, Frank	Pro Tools 101 : Pro Tools fundamentals I : for Pro Tools 12.8 software	NextPoint Training, Inc.	2017	9781943446476

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

No Value

Materials Fee

No value

Learning Outcomes and Objectives

Course 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 T ools 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.

SLOs

Describe Pro Tools software and its various related hardware systems.

Expected Outcome Performance: 70.0

Operate the basic set-up, editing, and file management features of Pro Tools software.

Expected Outcome Performance: 70.0

Demonstrate basic audio and MIDI recording and editing capabilities in Pro Tools.

Expected Outcome Performance: 70.0

Complete Pro Tools projects that utilize basic importing, navigating, editing, signal processing, and mixing techniques.

Expected Outcome Performance: 70.0

Additional SLO Information

Does this proposal include revisions that might improve student attainment of course learning outcomes?
No

Is this proposal submitted in response to learning outcomes assessment data?
No

If yes was selected in either of the above questions for learning outcomes, explain and attach evidence of discussions about learning outcomes.

No Value

SLO Evidence

No Value

Course Content

Lecture Content

Getting to Know Pro Tools (2 hours)
- The Avid certification program
- What Pro Tools is
- History of Digi design/Avid
- Digital audio basics
- Pro Tools systems, configurations, and options

Getting Inside Pro Tools (2 hours)
- File structure
- Starting Pro Tools
- Pro Tools software interface
- Edit window functions and features

Creating a Pro Tools Session (2 hours)
- Creating sessions
- Configuring sessions
- Playback and edit cursors and control
- Saving, locating, and opening existing sessions

Making a Basic Pro Tools Recording (3 hours)
- Hardware requirements for recording
- Recording preparations
- Recording and managing audio
- Organizing after recording

Importing Media into Pro Tools Sessions (2 hours)
- Import considerations
- Importing audio
- Importing video

Basic MIDI Recording in Pro Tools (3 hours)
- MIDI fundamentals
- Using MIDI in Pro Tools
- MIDI recording preparations
- Using virtual instruments
- Recording MIDI
- Viewing and editing MIDI data

Selecting and Navigating in Pro Tools (2 hours)
- Views and selections
- Working with selections
- Adjusting the session view
- Adding markers to sessions

Basic Pro Tools Editing Techniques (3 hours)
- Playback options
- Configuring and using the edit modes
- Editing regions
- Moving and trimming regions
- Creating fade effects
- Undoing work

Basic Pro Tools Mixing Techniques (4 hours)
- Basic mixing topology and terminology
- The mix window
- Basic automation

- Real-time plug-ins

Finishing Session Work in Pro Tools (2 hours)
- Backing up sessions
- Creating stereo mix downs
- Burning songs to CD (compact disc)

Pro Tools 101 Official Hands-On Projects (2 hours)
- Music hands-on project
- Post hands-on project

Total hours: 27