

OHLONE COLLEGE
Ohlone Community College District
OFFICIAL COURSE OUTLINE

I. Description of Course:

1. **Department/Course:** MUS - 112C

2. **Title:** Pro Tools 201

3. **Cross Reference:**

4. **Units:** 3

Lec Hrs: 2

Lab Hrs: 3

Tot Hrs: 90.00

5. **Repeatability:** No

6. **Grade Options:** Grade Only (GR)

7. **Degree/Applicability:**

Credit, Degree Applicable, Transferable
- CSU (T)

8. **General Education:**

9. **Field Trips:** Not Required

10. **Requisites:**

Advisory

MUS 112B Pro Tools 110 Pro Tools 101,
110 or equivalent

12. Catalog Description:

Pro Tools 201: Pro Tools Production Essentials covers the core concepts and skills needed to operate a Digidesign Pro Tools|HD system in a professional studio environment. Topics include: Advanced selection and editing techniques; Using automation; Mixing; In-depth plug-in usage; more.

13. Class Schedule Description:

Pro Tools 201 covers concepts and skills needed to operate a Pro Tools|HD system in a professional studio environment.

14. Counselor Information:

Digidesign's Pro Tools is the industry-standard computer-based recording system. Pro Tools 201 is the third in the 3-course sequence: Pro Tools 101, Pro Tools 110 and Pro Tools 201. All three of these courses are required for Digidesign Pro Tools Operator Certification. Pro Tools 210 is also required for this certification, and Ohlone does not offer PT 210. We can get students close to digi certification, but they would have to take the 210 course at a qualified digidesign training partner.

II. Student Learning Outcomes

The student will:

1. Demonstrate ability to configure input and output connections available on each system.
2. Demonstrate ability to navigate sessions; use advanced Zoomer, Trimmer and Grabber tool and Smart Tool options.
3. Demonstrate effective use of advanced digibase browser options including indexing and browser menu options.
4. Demonstrate track grouping; use of playlists; constrained region movement.
5. Discriminate among plug-in architectures, and predict which format to use in any given circumstance. Recall, save and create and import plug-in settings; monitor plug-in usage.
6. Demonstrate competency in use of sends, fader groups and Master Faders.
7. Demonstrate use of basic functions of a control surface including: bring surface online, opening sessions; changing session display; operating faders, pan, solo and mute

controls.

8. Demonstrate advanced Pro Tools automation features including automation of plug-in controls.

III. **Course Outline:**

A. Introducing Pro Tools|HD

1. Characteristics of HD system
2. Components of HD system

B. Customizing Pro Tools

1. Optimizing Pro Tools HD
2. Multi-Channel I/O Setups
3. Customizing Pro Tools through Preferences
4. Ex. 1 Configuring Pro Tools

C. Session Configuration and Navigation

1. Voice and Disk Allocation
2. Ex. 2 Navigating a Session

D. Session Management

1. Converting Session Files
2. DigiBase Browsers
3. Ex. 3 DigiBase Pro

E. Selection Techniques

1. Creating Selections
2. Nudging and Shifting
3. Auditioning Techniques
4. Storing Selections

F. Editing

1. Alternate Tools and Tool Functions
2. Strip Silence
3. using Auto Fades
4. Time Operations
5. Region Alignment
6. Ex. 4 Editing Techniques

G. Automation

1. Plug-ins
2. Writing, Editing, and Suspending Automation

H. Mixing

1. Mixing Preferences
2. Track Signal Flow
3. System Usage and Processing Power
4. Inserts and Plug-Ins
5. Delay Compensation
6. Clip Indication
7. Ex. 5 Mixing and Automation

I. Finishing the Session

1. Internal Mixdown
2. External Mixdown
3. Ex. 6 Final Mixdown

IV. **Course Assignments:**

A. Reading Assignments

1. Signal Routing
2. Navigation and Editing Techniques
3. Using Digibase Pro
4. Working with Regions and racks
5. Managing Sessions and racks
6. Using Inserts
7. Managing Plug-Ins
8. Using Sends and Aux Inputs
9. Control Surface Basics
10. Automating Pro Tools Sessions
11. Editing and Controlling Automation
12. Multi-Channel I/O Setups
13. Final Mixdown

B. Projects, Activities, and other Assignments

1. Ex. 1 Configuring Pro Tools
2. Ex. 2 Editing Audio and DigiBase Pro
3. Ex. 3 Managing Regions, Sessions and Tracks
4. Ex. 4 Working with Inserts, Sends, and Aux Inputs
5. Ex. 5 Mixing and Automation
6. Ex. 6 I/O Setup, Mixdown, and Export

C. Writing Assignments

V. **Methods of Evaluation/Assessment:**

- A. Regular exams test course/lecture content
- B. One-on-One student/teacher sessions used to examine and grade exercises

VI. **Methods of Instruction:**

- A. Lecture
- B. Laboratory
- C. Discussion
- D. Demonstration
- E. Audiovisual

VII. **Textbooks:**

Recommended

1. digidesign training and education program *Pro Tools 201: Pro Tools Production Essentials, Rev B* Third Edition, digidesign/Avid, 2008 ISBN: PN: 910612758-0

Supplemental

VIII. **Supplies:**

- A. Headphones with 1/4" adaptor