

Self Assessment

1. If you created a document using an application on your computer (word processor, spreadsheet, music sequencer, etc.), would you be able to locate the directory or folder in which it is stored?

Yes

No

Question Title

2. Are you comfortable downloading and installing software applications?

Yes

No

Question Title

3. Are you aware of the common features of typical digital audio workstations?

Yes

No

Question Title

4. On a scale of 1 - 10, what is your general level of familiarity with basic music technology?

1

2

3 or more

Question Title

5. Have you ever used a computer-based digital audio workstation for any task?

Yes

No

Question Title

6. Have you used a microphone with an XLR (3-pin) output for recording or live performance?

Yes

No

Question Title

7. Have you ever recorded an audio track using any digital audio workstation?

Yes

No

Question Title

8. Do you own a MIDI keyboard?

Yes

No

Question Title

9. If you own a MIDI keyboard, do you know what type of connection is required to route MIDI to a computer application?

Yes

No

Question Title

10. Have you ever recorded a MIDI track using a computer application?

Yes

No

Syllabus

Lesson 1 Introduction and Background

- Capabilities of Pro Tools Systems
- The Evolution of Digidesign and Avid
- The Avid Certification Program
- The Elements of Sound
- Digital Audio Theory
- Configuring a Pro Tools System
- Assignment 1: Pro Tools System Configuration

Lesson 2 Getting Inside Pro Tools

- Starting Pro Tools
- Pro Tools File Structure
- The Pro Tools Software Interface
- Main Pro Tools Windows
- Inside the Edit Window: Tracks
- Inside the Edit Window: Tools and Modes
- The Pro Tools Grand Tour
- Assignment 2: Describe Your Experience

Lesson 3 Creating Your First Session

- Developing Effective Pro Tools Skills
- Locating Sessions
- Saving Existing Sessions...and Creating New Ones
- Configuring Session Parameters
- Adding Tracks
- Managing Edit Window Operations
- Assignment 3: Make Your Own Session Template

Lesson 4 Making Your First Audio Recording

- Configuring Hardware for Recording
- Configuring Tracks for Recording
- Making a Recording
- Organizing after Recording
- Assignment 4: Recording Audio into Pro Tools

Lesson 5 Importing Media Into Your Session

- Consideration Prior to Import
- Using the Import Audio Command

- Additional Import Methods
- Importing Video
- Assignment 5: Importing Audio

Lesson 6 Making Your First MIDI Recording

- MIDI Fundamentals
- Using MIDI in Pro Tools
- Pro Tools MIDI Features
- Preparing to Record MIDI
- Using Virtual Instruments
- Recording MIDI
- Viewing and Manipulating MIDI Data
- Assignment 6: Recording MIDI-Based Tracks

Lesson 7 Selecting and Navigating

- Types of Selections
- Working With Edit Selections
- Adjusting the Session View
- Adding Markers to Your Session
- Creating Clips
- Assignment 7: Working with Selections and Clips

Lesson 8 Basic Editing Techniques

- Setting Up for Editing
- Using the Edit Modes
- Building Tracks with Clips
- Moving and Trimming Clips
- Creating Fade Effects
- Undoing Your Work
- Assignment 8: Clean Up Your Act

Lesson 9 Basic Mixing Techniques

- In or Out?
- Basic Mixer Terminology
- Configuring the Mix Window
- Basic Automation
- Real-Time Plug-Ins
- Assignment 9: Mix a Session

Lesson 10 Finishing Your Work

- Backing Up Your Session
- Recording a Stereo Mix
- Burning Audio on CD

- Assignment 10: Remix and Bounce

Lesson 11 Music Hands-On Project

- Avid Pro Tools 101 Exam
- Project Setup
- Planning a Pro Tools Project
- Working with MIDI Data
- Your Pro Tools Workspace
- Exercise: Recording Audio
- Exercise: Importing Media
- Working with Audio Data
- Recording Audio (Extra Credit)
- Mixing in Pro Tools
- Assignment 11: Finishing Your Work

Lesson 12 Post Hands-On Project

- Getting Started
- Importing Media
- Recording a Project
- Editing in Pro Tools
- Mixing in Pro Tools
- Mixing the Project
- Finishing Your Work
- Assignment 12: Post Hands-On Project

Syllabus

Lesson 1 Getting Up to Speed

- One Platform, Many Faces
- Getting Help
- The Big Pro Tools Review Session
- Edit and Mix Display Options
- Assignment 1: Configuring Sessions

Lesson 2 Interfacing with External Hardware

- I/O Setup
- MIDI Configuration
- Control Surfaces
- Digidesign Control Surface Options
- Assignment 2: Exercise 1 (Getting Started)

Lesson 3 Enhancing Your Software and Managing Data

- Turbocharging Your Pro Tools Software
- Plug-in Tour
- DigiBase and DigiBase Pro
- Importing Audio and Other Media
- Importing Session Data
- An Introduction to Region Groups
- Assignment 3: Exercise 2/3 (Managing Session Data and Media Files – Music/Post)

Lesson 4 Recording MIDI & Audio

- Basic Audio Recording Review
- Optimizing System Performance
- Recording With and Without a Time Reference
- Techniques for Recording and Overdubbing Audio
- Assignment 4: Exercise 4 (Recording)

Lesson 5 Working with Timebases, Elastic Audio, and Virtual Instruments

- Understanding Track Timebases
- Elastic Audio Basics
- Plug-in Virtual Instruments
- Using Virtual Instrument Plug-ins
- Streaming Audio into Pro Tools
- Using Standalone Virtual Instruments
- Assignment 5: Exercise 5 (Virtual Instruments)

Lesson 6 Editing and Time-Adjusting MIDI and Audio

- Configuring Sessions for MIDI Editing

- MIDI Editing Techniques
- Working with MIDI Regions
- Warping Audio with Elastic Audio
- Quantizing Existing Material
- Assignment 6: MIDI Editing Exercise

Lesson 7 Editing Audio

- Working with Fades
- Using AudioSuite Plug-Ins
- An Introduction to Beat Detective
- Working with the Region List
- Assignment 7: AudioSuite Exercise

Lesson 8 Automation

- The Case for Automation
- Basic Pro Tools Automation Capabilities (101 Review)
- Getting Deeper into Automation
- Real-Time Automation
- Creating and Editing Automation Graphically
- Assignment 8: Exercise 6 (Audio & MIDI Editing)

Lesson 9 Mixing (Part 1)

- Mixing in Pro Tools: Myths and Realities
- Setting Up for Mixing
- Grouping
- Exploring Inserts and Real-Time Plug-Ins
- Assignment 9: Automation Exercise

Lesson 10 Mixing (Part 2)

- Thinking about Mixing
- Sends and Returns
- Master Faders, Submasters, and Subgrouping
- Printing the Mix
- Mastering in Pro Tools
- Assignment 10: Exercise 7 (Automation & Mixing)

Lesson 11 Music Project

- Considerations Prior to Starting Music Projects
- Timeline and Tempo
- Comping and Editing
- Tighten Up Tracks with Elastic Audio and Beat Detective
- Vocal Editing
- AudioSuite Processing
- Mix it Up!

- Assignment 11
- Lesson 12 Audio Postproduction for Video Project**
 - First Steps
 - Map Out the Commercial
 - Recording and Editing MIDI Loops
 - Score the Commercial
 - Record the Voiceover
 - Mix the Project
 - Assignment 12

Audio Post Production for TV and Film

