

Avid Pro Tools

Duration: 4 Days

US Price: \$1895

Delivery Option: Courses are delivered via online live remote attendance option 8:00 am - 4:00 pm PST. Students receive digital course materials prior to the start of the course.

Description

Avid's Pro Tools is the industry standard for music and audio post production software. This course covers everything you need to know to successfully complete a Pro Tools project - from initial setup to final mixdown. You will be introduced to all of Pro Tools' new functions and feature enhancements. Whether your project involves recording live instruments, MIDI sequencing of synthesizers, audio editing, and looping - upon completion of learning this program you will leave with the confidence to handle any creative endeavor.

Course taught by an expert real-world Avid Certified Instructor

If you don't own the software, a free 30-day trial can be downloaded [here](#).

Prerequisites

Basic knowledge of a Mac or PC computer. Sound and editing terminology helpful but not required.

Course Overview

Pro Tools Digital Audio Workstation

- Audio Processing
- MIDI Production
- Notation and Scores
- Mixing and Automation
- Audio for Video Post-Production

Pro Tools History and Evolution

- Roots in Digidrums
- Digidrums becomes Digidesign
- Digidesign Merges with Avid Technology
- Pro Tools in This Decade

Audio Basics: Waveform, Frequency, and Converting Audio to Digital Format Amplitude

- Waveform
- Frequency
- Amplitude
- Recording and Playing Back Analog Audio
- Importance of Sample Rate
- Importance of Bit Depth
- Sample Rate, Bit Depth, and File Size
- Recording in Digital Format

Pro Tools System Configurations

- Software Options
- Host-Based Systems Versus DSP-Accelerated Systems
- Audio Interface Options

Cross-Platform Issues

- Keyboard Commands
- File-Naming Conventions

Software Installation and Operation

- Included Plug-Ins and Extras
- Pro Tools Software Features

Pro Tools File Structure

- File Organization
- Session Components

Starting Pro Tools

- Powering Up Your Hardware
- Using the PACE iLok System
- Launching Pro Tools
- Accessing Connected Audio Devices
- Optimizing Host-Based Pro Tools Performance

The Pro Tools Menu Structure

- File Menu
- Edit Menu
- View Menu
- Track Menu
- Clip Menu
- Event Menu
- AudioSuite Menu
- Options Menu
- Setup Menu
- Window Menu
- Marketplace Menu
- Help Menu

Main Pro Tools Windows

- Edit Window
- Mix Window
- Transport Window
- Additional Editor Windows

Edit Tool Functions

- Zoomer Tool
- Trim Tool
- Selector Tool
- Grabber Tool
- Scrubber Tool
- Pencil Tool

- Smart Tool

Edit Modes

- Shuffle Mode
- Slip Mode
- Spot Mode
- Grid Mode

MIDI Control Features

- Wait for Note
- Metronome
- Count off Controls
- MIDI Merge Mode
- Tempo Ruler Enable
- Meter Display
- Tempo Field
- Tool Tips

Working with Tracks

- Adding Tracks
- Naming Tracks
- Deleting Tracks
- Adding Audio to Tracks

Saving, Locating and Opening Pro Tools Files

- Saving a Session or Project
- Locating and Opening a Session File

Preparing to Record

- Creating a Click Track
- Checking Hardware Connections
- Record-Enabling Tracks
- Setting Input Path, Level, and Pan

Importing and Working with Media

Time Scales and Rulers

- Main Time Scale
- Sub Time Scale
- Ruler Display Options

Creating a New Session

- Dashboard
- Creating and Using Session Documents
- Creating and Using Project Documents
- Using Templates
- Choosing Parameter Settings
- File Size Considerations

Controlling Playback

- Timeline Selections
- Edit Selections
- Working with Linked Timeline and Edit Selections
- Starting and Stopping Playback
- Locating the Playback Cursor
- Selecting the Scrolling Behavior

Options Before Recording

- Audio Storage Requirements
- Disk Usage Window

Recording and Managing Audio

- Organizing after Recording
- Return to Playback Mode
- Organize Audio Files and Clips
- Removing Audio Clips and Deleting Audio Files

Importing Audio

- File Characteristics
- Split Stereo versus Interleaved Files

- Import Audio Dialog Box
- Importing Audio with the Import Command
- Importing Audio with Workspace Browsers
- Batch Importing Audio

Importing Video

- Video Track Display
- Working with Video Tracks

MIDI Recording

- MIDI Basics
- MIDI in Pro Tools
- Creating MIDI-Compatible Tracks
- Sample-Based Operation versus Tick-Based Operation
- Time Scale and Rulers for Working with MIDI
- Setting the Base Meter
- Setting the Base Tempo
- Preparing to Record MIDI
- Connecting a MIDI Device
- Checking MIDI Inputs/Outputs
- Record-Enabling MIDI-Compatible Tracks
- Setting Record Options

Using Virtual Instruments

- Placing a Virtual Instrument on an Instrument Track
- Using Xpand
- Using Boom
- Using Structure Free

Recording MIDI

- Viewing MIDI Data on MIDI-Compatible Tracks
- MIDI Clips View
- MIDI Notes View
- Velocity View
- MIDI Editor Window Views

Selecting and Navigating

- Using the Universe View
- Resizing the Universe
- The Current View Indicator
- Moving and Scrolling from the Universe View
- Types of Selection
- Creating Timeline Selections
- Creating Edit Selections
- Working with Selections
- Creating Separate Timeline Selections and Edit Selections

Adjusting the Session View

- Adjusting Track Height
- Changing the Track Order
- Using the Tool
- Using Zoom Toggle
- Changing the Horizontal and Vertical Zoom
- Storing and Recalling Zoom Presets

- Making Selections on Multiple Tracks
- Selecting Material Based on Selected Tracks
- Using the Tab Key
- Tabbing to Transient Points

Adding Markers to Your Session

- Memory Locations
- Creating a Marker
- Memory Locations Window
- Recalling a Marker Location
- Deleting a Marker Location
- Creating a Selection Using Markers

Using the Edit Modes

- Editing in Shuffle Mode
- Editing in Slip Mode
- Editing in Spot Mode
- Editing in Grid Mode
- Using the Snap To Grid Function
- Configuring the Grid

Moving and Trimming Clips

- Using the Grabber Tool
- Using the Trim Functions
- Using the Nudge Function

Undoing Your Work

- Using Multi-Level Undo
- Using Restore Last Selection
- Using Revert to Saved
- Restoring from Session Backups

Working in the Mix Window

- Configuring the Mix Window
- Using Basic Automation
- Recording Automation (Write Mode)
- Playing Back Automation (Read Mode)
- Turning Automation Off (Off Mode)
- Viewing Automation Playlists

Editing Your Media

- Selecting Playback Options
- Scrolling Modes
- Loop Playback

Editing Clips

- Basic Editing Commands
- Special-Purpose Editing Commands

Creating Fade Effects

- Applying Fade-Ins and Fade-Outs
- Applying Crossfades
- Fade Settings

Mixing and Creating a Bounce

- Basic Mixer Terminology
- Inputs
- Outputs
- Inserts
- Sends and Returns

Using Plug-In Processors

- Real-Time Plug-In Formats
- Plug-Ins Provided with Pro Tools

- Editing Breakpoint Automation

Backing Up Your Session

- Considerations for Backup and Archive Copies
- Saving a Session Copy

Creating a Stereo Mixdown

- Mixdown Options
- Considerations for Bouncing Audio
- Bouncing to Disk
- Adding a Bounce File to Your iTunes Library
- Automating Shared Effects and Creating a Stereo Bounce

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