



Certificación oficial de Avid Pro Tools 101 y 110

Duración
40 Horas

Modalidad
Online

Inicio
10 noviembre 2025

Días y horario
Lunes a viernes 09:00 a 12:00

Avid Education ofrece una serie de **certificaciones de Pro Tools** que validan las habilidades del usuario, desde principiantes hasta expertos. La primera de estas certificaciones es el **Avid Certified User for Pro Tools**, que proporciona una credencial reconocida en el sector, tanto para usuarios académicos como para profesionales de la industria. Para **obtener el título de Avid Certified User for Pro Tools**, debes hacer dos cursos básicos (**Pro Tools Fundamentals I o PT101 y Pro Tools Fundamentals II o PT110**) antes de presentarte y aprobar el examen de certificación correspondiente.

Cuando tienes el certificado Avid Certified User for Pro Tools, demuestras que **entiendes el sistema y que puedes usar Avid Pro Tools para diseñar un proyecto hasta el final**, con todas las habilidades operativas fundamentales para grabar, editar, mezclar y generar la sesión terminada.

En el siguiente link puedes consultar toda la información acerca del formato del examen de Avid.

**Las clases se impartirán en español pero, tanto el libro del curso como el examen, solo están disponibles en inglés.*

¡No sabes lo que te espera!

- Demostrar tu competencia fundamental en la edición y mezcla de audio digital con Avid Pro Tools.
- Brindar beneficios medibles a su empleador
- Diferenciarse de los compañeros
- Hacer que tu currículum se destaque y aproveche el poder de la marca Avid con los logotipos de usuario certificado de Avid descargables
- Demuestra tus credenciales con un certificado de logros
- Obtener el reconocimiento de tu empleador y compañeros con la lista de profesionales certificados en línea.

Dirigido a

- Técnicos que deseen usar Protools como base de sus producciones.
- Músicos que quieran empezar a grabar y producir sus proyectos con el estándar de la industria.
- Técnicos que quieran ampliar sus conocimientos con el manejo de este gran software y aprendan flujos de trabajo diferentes.

Salidas

- Técnico de estudio de grabación como operador de Pro Tools.
- Operador de Pro Tools en cualquier producción técnica.
- Operador de Pro Tools en Cine y TV.

Objetivos

- Acreditar un nivel alto de habilidad en la edición y mezcla de audio digital con Avid Pro Tools.
- Ofrecer ventajas cuantificables a tu empresa.
- Marcar la diferencia con respecto a tus compañeros.
- Destacar tu currículum y aprovechar el poder de la marca Avid, gracias a los logotipos de usuario certificado descargables de Avid.
- Mostrar tus credenciales con un certificado de reconocimiento.
- Obtener el reconocimiento del sector gracias a nuestro listado en línea de profesionales certificados.

Módulo 1

CURSO OFICIAL PRO TOOLS 101

El curso **Pro Tools 101 (PT101)** presenta conceptos y principios fundamentales de Pro Tools, cubriendo todo lo que una persona necesita saber para completar un proyecto básico de Pro Tools, **desde la configuración inicial hasta la mezcla final**. Los estudiantes aprenden a crear sesiones que incluyen grabaciones multipista de audio en vivo, secuencias MIDI e instrumentos virtuales. Los ejercicios y proyectos prácticos presentan técnicas esenciales para crear sesiones, grabar e importar audio y MIDI, editar medios de sesión, navegar por sesiones y organizar medios en pistas, y usar técnicas básicas de procesamiento y mezcla para finalizar una producción. **Con el material del curso se incluye una descarga de archivos multimedia y sesiones de Pro Tools para acompañar los ejercicios y proyectos en el texto.**

Al final de este curso podrás administrar un gran número de pistas y múltiples canales de entradas y salidas simultáneas. Crear la configuración de **hardware y software de Pro Tools adecuada**. Seleccionar la configuración adecuada en el cuadro de diálogo **Playback Engine**. Configurar y modificar la configuración de entrada / salida (E / S). Evaluar e integrar instrumentos virtuales y complementos especializados para música. Utilizar técnicas de grabación avanzadas para capturar múltiples tomas de grabación en sucesión. Analizar los procesadores y métodos de **Elastic Audio** para seleccionar las opciones adecuadas. Utilizar técnicas de Elastic Audio Propiedades MIDI en tiempo real para lograr el tempo deseado y / o efectos y resultados rítmicos. Aplicar técnicas de edición basadas en clips a pistas de audio y MIDI. Incorporar técnicas de mezcla automatizadas en un flujo de trabajo de Pro Tools para la automatización selectiva de las tareas de posproducción durante una sesión.



Índice

INTRODUCTION

- About This Book.
- Course Prerequisites.
- Course Organization and Sequence.
- Conventions and Symbols Used in This Book.
- The Avid Learning Partner Program.
- How Can I Learn More?.

BACKGROUND INFORMATION

- The 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.
- Updates to Pro Tools 12.
- Audio Basics: Waveform, Frequency, and Amplitude.
- Waveform.
- Frequency.
- Amplitude.
- Recording and Playing Back Analog Audio.
- Converting Audio to Digital Format.
- The Importance of Sample Rate.
- The 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.
- Review/Discussion Questions.
- Exercise 1. Audio Interface Options.

GETTING STARTED WITH PRO TOOLS

- Target Systems
- 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.
- Review/Discussion Questions.
- Exercise 2. Pro Tools Main Windows.

PRO TOOLS BASIC CONTROLS

- 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
- Time Scales and Rulers
- Main Time Scale
- Sub Time Scale
- Ruler Display Options
- MIDI Control Features
- Wait for Note
- Metronome
- Countoff Controls
- MIDI Merge Mode
- Tempo Ruler Enable
- Meter Display
- Tempo Field
- Tool Tips
- Review/Discussion Questions
- Exercise 3. Primary Tools and Controls

CREATING YOUR FIRST SESSION

- The Dashboard
- Creating and Configuring a Pro Tools Document
- Creating and Using Session Documents
- Creating and Using Project Documents
- Using Templates
- Choosing Parameter Settings
- File Size Considerations
- Working with Tracks
- Adding Tracks
- Naming Tracks
- Deleting Tracks
- Adding Audio to Tracks
- 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
- Saving, Locating, and Opening Pro Tools Files
- Saving a Session or Project
- Locating and Opening a Session File
- Review/Discussion Questions
- Exercise 4. Creating a Session

MAKING YOUR FIRST AUDIO RECORDING

- Before Recording
- Audio Storage Requirements
- Disk Usage Window
- Preparing to Record
- Creating a Click Track (Optional)
- Checking Hardware Connections
- Record-Enabling Tracks
- Setting Input Path, Level, and Pan
- Recording and Managing Audio
- Organizing after Recording
- Return to Playback Mode
- Organize Audio Files and Clips
- Removing Audio Clips and Deleting Audio Files
- Review/Discussion Questions
- Exercise 5. Recording Audio

IMPORTING AND WORKING WITH MEDIA

- Considerations Prior to Import
- File Characteristics
- Split Stereo versus Interleaved Files
- Importing Audio
- 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
- Review/Discussion Questions
- Exercise 6. Importing Audio

MAKING YOUR FIRST MIDI RECORDING

- MIDI Basics
- MIDI in Pro Tools
- Creating MIDI-Compatible Track
- Sample-Based Operation versus Tick-Based Operation
- Time Scale and Rulers for Working with MIDI
- Setting the Base Meter and Temp
- 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!2
- 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
- Review/Discussion Questions
- Exercise 7. Working with MIDI

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
- Making Selections on Multiple Tracks
- Selecting Material Based on Selected Tracks
- Using the Tab Key
- Tabbing to Transient Points
- Adjusting the Session View
- Adjusting Track Height
- Changing the Track Order
- Using the Zoomer Tool
- Using Zoom Toggle
- Changing the Horizontal and Vertical Zoom
- Storing and Recalling Zoom Presets
- Adding Markers to Your Session
- About Memory Locations
- Creating a Marker
- The Memory Locations Window
- Recalling a Marker Location
- Deleting a Marker Location
- Creating a Selection Using Marker
- Review/Discussion Questions
- Exercise 8. Configuring the Session and Adding Memory Locations

EDITING YOUR MEDIA

- Selecting Playback Options
- Scrolling Modes
- Loop Playback
- 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
- Editing Clips
- Basic Editing Commands
- Special-Purpose Editing Commands
- Moving and Trimming Clips
- Using the Grabber Tool
- Using the Trim Functions
- Using the Nudge Function
- Creating Fade Effects
- Applying Fade-Ins and Fade-Outs
- Applying Crossfades
- Fade Settings
- Undoing Your Work
- Using Multi-Level Undo
- Using Restore Last Selection
- Using Revert to Saved
- Restoring from Session Backups
- Review/Discussion Questions
- Exercise 9. Editing Audio

MIXING AND CREATING BOUNCE

- Basic Mixer Terminology
- Inputs
- Outputs
- Inserts
- Sends and Returns
- 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 Breakpoint Automation
- Using Plug-In Processors
- Real-Time Plug-In Formats
- Plug-Ins Provided with Pro Tools
- 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
- Review/Discussion Questions
- Exercise 10. Automating Shared Effects and Creating a Stereo Bounce

PROJECT 1: MUSIC SESSION

- Powering Up
- Opening the Music Project
- Locate and Open the Session Template
- Orient the Session Windows
- Set the Preferences
- Connect Monitoring Devices
- Creating New Tracks
- Create and Name Tracks
- Save Your Session
- Working with MIDI Data
- Add a Virtual Instrument
- Create a MIDI Clip
- Add Another Virtual Instrument
- Drag in a MIDI Clip
- Edit a MIDI Performance
- Save Work in Progress
- Working with Audio Data
- Import an Audio File to a Track
- Import a Clip Group to a Track
- Insert Time
- Edit the Tracks
- Save Work in Progress
- Mixing in Pro Tools
- Add EQ
- Add Effects to the RadioVox Track
- Add Reverb
- Save Work in Progress
- Mix the Project
- Save Work in Progress
- Finishing Your Work
- Print the Score
- Add Maxim
- Add Dither
- Bounce the Song
- Archive Your Work

PROJECT 2: POST SESSION

- Powering Up
- Opening the Post Project
- Locate and Open the Session Template
- Orient the Session Windows
- Set the Preferences
- Connect Monitoring Devices
- Creating New Tracks
- Create and Name a Track
- Save Your Session
- Importing Media
- Import a Movie
- Import Files to the Clip List
- Import Files from the Workspace Browser
- Save Work in Progress
- Editing in Pro Tools
- Review the Project
- Add Sound Effects
- Change the Music
- Save Work in Progress
- Mixing in Pro Tools
- Remove the Hum
- Add Reverb
- Enhance the Knock
- Save Work in Progress
- Listen to the Automated Mix
- Finishing Your Work
- Bounce the Video
- Archive Your Work

Módulo 2

CURSO OFICIAL PRO TOOLS 110

El curso **Pro Tools 110 (PT110)** amplía los principios básicos enseñados en el curso Pro Tools Fundamentals I (PT101) e introduce los conceptos básicos y las técnicas que los estudiantes necesitan para operar de manera competente un sistema Pro Tools con **sesiones de tamaño medio**.

Al final de este curso podrás crear sesiones diseñadas con fines comerciales y **mejorar los resultados de sus esfuerzos de grabación, edición y mezcla**. Los ejercicios prácticos brindan experiencia en la configuración de sesiones, importación de medios, trabajo con video digital, detección de efectos de sonido, uso de grabación en bucle y técnicas de fusión MIDI, trabajo con instrumentos virtuales, deformación con Elastic Audio, aplicación de propiedades en tiempo real, creación de bucles de clip, aplicando procesamiento de señal, usando automatización y usando submezclas y grupos de pistas para simplificar una mezcla final.

Junto con el primer curso de la serie, Fundamentos de Pro Tools (PT101), este curso brinda la capacitación necesaria para prepararse para el examen de **certificación de usuario certificado de Avid: Pro Tools**.



Índice

INTRODUCTION

- About this Book.
- Online Resources for this Course.
- Course Videos.
- Practice Quizzes.
- Course Prerequisites.
- Avid Audio Training Paths.
- Conventions and Symbols Used in this Book.
- Cross-Platform Issues.

GETTING STARTED

- About This Course.
- Requirements for Exercises.
- Software and Hardware.
- Starting Work in Pro Tools.
- Accessing Existing Sessions and Projects.
- Configuring the Playback Engine.
- Configuring Pro Tools Hardware Settings.
- Configuring I/O Settings.
- Opening a Session or Project and Adding Tracks.
- Opening a Recently Used Pro Tools Document.
- Adding Tracks as You Work.
- Configuring Track Routing.
- Edit and Mix Window Display Options.
- Changing the Display of the Mix and Edit Windows.
- Using the I/O View.
- Using the Comments View.
- Using Collaboration Tools (Project Documents Only).
- Track List Display Options.
- Showing and Hiding Tracks.
- Using the Track List Pop-Up Menu.
- Review/Discussion Questions.
- Exercise 1. Setting Up a Session.

MANAGING SESSION DATA AND MEDIA FILES

- Pro Tools Software Capabilities.
- Basic Specifications.
- Pro Tools HD Software.
- Working with Digital Video.
- Setting Up Video Tracks.
- Video Playback on a Secondary Monitor.
- Using Workspace Browsers.
- Browser Features.
- Workspace Browser Overview
- Workspace Browser Functionality.
- Waveform Display.
- Auditioning Audio Files.
- Using Soundbase.
- Searching for Files with Soundbase.
- Searching Using Tags.
- Importing Files and Session Data.
- Considerations for Importing Files.
- Importing Files Using a Workspace Browser.
- Importing Files Using the Import Commands.
- Importing Tracks and Other Session Data.
- Batch Importing Files.
- Working with Clip Groups.
- Creating Clip Groups.
- Clip Group Icons.
- Ungrouping Clips.
- Regrouping Clips.
- Clip Groups in the Clip List.
- Review/Discussion.
- Exercise 2. Working with Media Files.

RECORDING MIDI AND AUDIO

- Setting Up the Session.
- Displaying Conductor Rulers.
- Adding Meter and Tempo Events.
- Creating a Linear Tempo Change.
- Recording with a Click.
- Recording Selections.
- Creating a Selection.
- Using Pre- and Post-Roll.
- Loop Recording Audio and MIDI.
- Loop Recording Differences: Audio Versus MIDI.
- Capturing Loop Record Takes.
- Auditioning Loop Record Takes.
- Setting the Match Criteria.
- Selecting Alternate Takes.
- Recording MIDI Using Loop Playback with MIDI Merge.
- Review/Discussion.
- Exercise 3. MIDI Recording.

WORKING WITH MIDI & VIRTUAL INSTRUMENTS

- Understanding Track Timebases.
- Sample-Based Operation Versus Tick-Based Operation.
- Track Timebases.
- Tick-Based Timing and Note Values.
- Virtual Instruments.
- Using Plug-In Virtual Instruments.
- Rendering Virtual Instruments.
- MIDI-Compatible Tracks and Track Views.
- Viewing MIDI Data in the Edit Window.
- MIDI-Compatible Tracks in the Pro Tools Mix Window.
- Auditioning and Playing Back MIDI.
- MIDI Thru Option.
- Default Thru Instrument Option.
- MIDI Thru Setting versus Default Thru Instrument Setting.
- Editing MIDI Data.
- Editing MIDI Clips.
- Editing MIDI Notes with the Pencil Tool.
- Editing Existing MIDI Notes.
- Deleting MIDI Notes.
- Review/Discussion.
- Exercise 4. Using Virtual Instruments.

WORKING WITH ELASTIC AUDIO

- Elastic Audio Basics.
- Enabling Elastic Audio on a Track.
- Auto-Enabling Elastic Audio for New Tracks.
- Understanding Elastic Audio Analysis.
- Conforming Clips to the Session Tempo Map.
- Warp Indicators.
- Removing Clip Warping.
- Elastic Audio Track Views.
- Elastic Audio Markers.
- Warping Sound with Elastic Audio.
- Using Warp View.
- Types of Manual Warping.
- Using Elastic Audio to Tighten a Rhythmic Performance.
- How Quantizing Affects Elastic Audio Events.
- Improving the Quantization Results.
- Using Elastic Audio to Experiment with Tempo.
- Applying Tick-Based Timing to Elastic Audio-Enabled Tracks.
- Applying Tempo Change.
- Improving the Quality of Warped Audio.
- Editing Event Markers in Analysis View.
- Adjusting Event Sensitivity.
- Using X-Form.
- Using Elastic Audio for Pitch Changes.
- Pitch Shifting with the Elastic Properties Window.
- Pitch Shifting with the Transpose Window.
- Changing and Undoing Pitch Transposition.
- Review/Discussion.
- Exercise 5. Using Elastic Audio for Dialog.

EDITING AND FINE-TUNING A PERFORMANCE

- Using the Smart Tool.
- Activating the Primary Smart Tool Functions.
- Creating Fades Using the Smart Tool.
- Smart Tool Fade Settings.
- Working with Fades.
- Using the Fades Dialog Boxes.
- Editing Existing Fades.
- Creating Rhythmic Changes for Audio and MIDI Data.
- Using Input Quantize.
- Quantizing Existing Material.
- Adjusting the Groove and Feel.
- MIDI Real-Time Properties.
- Using the Real-Time Properties View.
- Using the Real-Time Properties Floating Window.
- Enabling Real-Time Properties.
- Quantizing with Real-Time Properties.
- Review/Discussion.
- Exercise 6. MIDI Real-Time Properties.

ADDITIONAL EDITING AND MEDIA MANAGEMENT

- Clip Looping.
- Working with Clip Loops.
- Creating Clip Loops.
- Modifying Clip Loop Settings.
- Editing Clip Loops.
- Considerations for Working with Clip Loops.
- Unlooping Clips.
- Editing Techniques.
- Working with the Grid.
- Using Layered Editing.
- AudioSuite Overview.
- AudioSuite versus Insert Processing.
- AudioSuite Features.
- Using AudioSuite Plug-Ins.
- Working with the Clip List .
- Finding a Clip in the Clip List.
- Cleaning Up the Clip List.
- Exporting Selections.
- Review/Discussion.
- Exercise 7. Working with Clip Loops and Editing on the Grid.

BASIC MIXING AND SIGNAL FLOW

- Track Colors, Icons, and Status Indicators.
- Track Color Coding.
- Track Type Icons.
- Track Status Indicators.
- Using Inserts for Effects Processing.
- Inserts on Audio Tracks and Aux Inputs.
- Inserts on Master Faders.
- Plug-In Inserts.
- Hardware Inserts.
- Using Sends and Returns for Effects Processing.
- Creating a Send.
- Setting the Send Level.
- Changing the Default Send Level Preference.
- Send Display Options.
- Creating a Return.
- Working with Sends.
- Using the Send Window.
- Moving and Copying Sends.
- Changing and Removing Sends.
- Using Native Plug-Ins.
- Using Gain-Based Processors.
- Using Time-Based Processors.
- Using the Plug-In Window.
- Master Fader Tracks.
- Uses of Master Faders.
- Creating Master Faders.
- Review/Discussion.
- Exercise 8. Adding Music and Effects Processing.

WRITING AND EDITING AUTOMATION

- Understanding Automation.
- Groups and Automation.
- Automation Playlists.
- Working with Automation.
- Automation Modes.
- Enabling and Suspending Automation.
- Writing Automation Selectively.
- Playing Automation.
- Viewing Automation.
- Graphical Editing of Automation Data.
- Automation Displays.
- Creating and Adjusting Breakpoint Automation Data.
- Drawing Automation.
- Cutting, Copying, and Pasting Automation Data.
- Cutting Automation Versus Deleting Automation.
- Using Cut, Copy, and Paste Commands.
- Using Paste Special Mode.
- Removing Automation from a Track.
- Deleting Breakpoints on the Displayed Automation Graph (Recap).
- Clearing Automation for the Displayed Automation Graph.
- Clearing Automation for All Automation Graphs.
- Review/Discussion.
- Exercise 9. Using Automation.

USING ADVANCED MIXING TECHNIQUES AND CREATING FINAL MEDIA

- Working with Track Subsets.
- Using the Do-To-Selected Function.
- Submixing Tracks.
- Routing Signals Using Paths and Selectors.
- Grouping Tracks.
- Understanding Mix and Edit Groups.
- Creating a Mix or Edit Group.
- Activating and Deactivating Groups.
- Working with Groups.
- Identifying Group Membership.
- Selecting Members of a Group.
- Modifying a Group.
- Deleting a Group.
- Using the All Group.
- Groups and Automation.
- Groups and Elastic Audio.
- Creating Final Media.
- Creating a CD-Compatible Bounce
- Creating an Archive
- Review/Discussion
- Exercise 10. Mixing Techniques.

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De Lunes a Viernes
10:00h - 14:00h
16:00h - 20:00h



CÓMO LLEGAR

AUTOBÚS EMT

Líneas 3 y 11 - Parada "Padre Coloma"

COCHE PROPIO

Autovía dirección Motril - Salida 246 "El Palo"
Desde el centro de Málaga - Avda. Juan Sebastián Elcano