

# SEATTLE RECORDING ARTS



Avid Learning Partner

**Seattle Recording Arts is a licensed and approved Washington State School and an AVID Learning Partner with AVID Certified Pro Tools Instructors.**

## **PT110 - Pro Tools Fundamentals II**

### **COURSE OVERVIEW**

The *Pro Tools Fundamentals II (PT110)* course expands upon the basic principles taught in the *Pro Tools Fundamentals I (PT101)* course and introduces the core concepts and techniques students need to competently operate a Pro Tools system running mid-sized sessions. Students learn to build sessions designed for commercial purposes and improve the results of their recording, editing, and mixing efforts. The hands-on exercises provide experience setting up sessions, importing media, working with digital video, spotting sound effects, using loop recording and MIDI Merge techniques, working with virtual instruments, warping with Elastic Audio, applying Real-Time Properties, creating clip loops, applying signal processing, using automation, and using submixes and track groups to simplify a final mix.

Together with the first course in the series, [Pro Tools Fundamentals \(PT101\)](#), this course provides the training required to prepare for the [Avid Certified User: Pro Tools](#) certification exam.

### **LEARNING OBJECTIVES**

At the end of this course you will be able to:

- Manage large track counts and multiple channels of simultaneous inputs and outputs

- Create appropriate Pro Tools software and hardware settings
- Select appropriate settings in the Playback Engine dialog
- Set up and modify input/output (I/O) settings
- Assess and integrate virtual instruments and specialized plugins for specific music and
- Utilize advanced recording techniques to capture multiple record takes in succession
- Analyze Elastic Audio processors and methods to select appropriate options
- Utilize Elastic Audio techniques MIDI Real-Time Properties to achieve desired tempo and/or rhythmic effects and outcomes
- Apply clip-based editing techniques to audio and MIDI tracks
- Incorporate automated mixing techniques into a Pro Tools workflow for selective during a session post-production tasks automation
- Be ready to sit the associated certification exam

## AUDIENCE

This course is designed for:

- Musicians
- Audio Engineers
- Sound Editors for Film or Television

## PREREQUISITES

- Completion of the [Pro Tools Fundamentals I \(PT101\)](#) course, or equivalent experience
- Ability to create sessions, select appropriate session parameters, record audio and MIDI, use Edit modes and tools effectively, set Grid and Nudge values, create and recall memory locations, navigate tracks and media, create Edit selections using a variety of common techniques, use plugins for signal processing and virtual instruments, create a basic mix, and use basic automation techniques

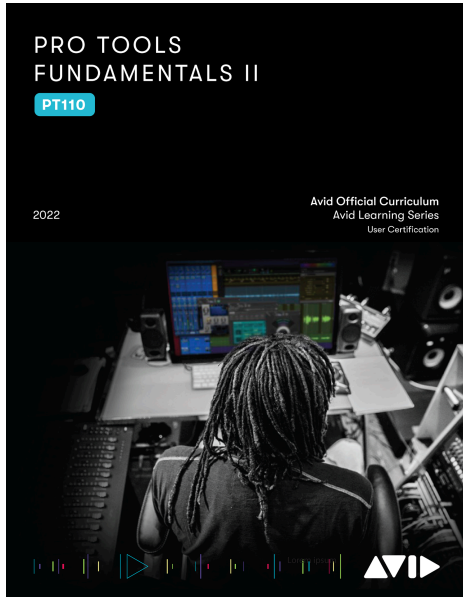
## AWARD

AVID Pro Tools User Certification\*

\*Note: Students must pass the standardized AVID Pro Tools 110 exam proctored by AVID Learning Partner, Seattle Recording Arts. To earn the AVID Pro Tools User Certification, students must complete the training for levels 101 and 110 and pass both exams.z

# REQUIRED COURSE BOOK

Pro Tools Fundamentals 2 (PT110) - eBook or Print edition  
-Latest edition: V2022 or higher



## PT110 Book Pricing:

Option 1: E-Book	
AVID Pro Tools 110 Course Book - Electronic Edition	\$95.00 + Tax

Option 2: Print Edition Book	
AVID Pro Tools 110 Course Book - Printed Edition	\$125.00
Shipping	\$15.00
<b>Total</b>	<b>\$140.00 + Tax</b>

E-Books are also available for purchase on [AVID's website](#)

## PT110 BOOK - CHAPTER OVERVIEW

- Chapter 1. Getting Started
- Chapter 2. Managing Session Data and Media

Chapter 3. Recording MIDI and Audio  
Chapter 4. Working with MIDI & Virtual Instruments  
Chapter 5. Working with Elastic Audio  
Chapter 6. Editing and Fine-Tuning a Performance  
Chapter 7. Additional Editing and Media Management  
Chapter 8. Basic Mixing and Signal Flow  
Chapter 9. Writing and Editing Automation  
Chapter 10. Using Advanced Mixing Techniques and Creating Final Media

## PT110 - SYSTEM REQUIREMENTS FOR E-BOOKS

Avid eBooks can be read on any Android or iOS tablet or mobile device as well as on a computer. Please read these [download instructions](#) prior to purchase for more information. A link to access the media required to do the exercises will be provided upon purchase.

## PT110 - REGISTRATION & RATES

We offer Pro Tools training as private virtual courses for interested individuals and small groups, which can be scheduled to fit your availability and needs. Each level (101 and 110) is approximately 22 hours to complete, and we typically break lessons into seven, three-hour sessions, and the exam takes about an hour to complete.

To enroll, first please email us ([info@seattlerecordingarts.com](mailto:info@seattlerecordingarts.com)) to inquire about scheduling and dates, letting us know how soon you'd like to begin and any information about your general availability. Students will need to complete a registration form as well.

**Tuition for individuals is \$3,300 per level.** Payment in full is required at the time of booking. For two or more students, please inquire about our group rates.

## CANCELLATION & REFUND POLICY

Students may cancel their reservation up to 24 hours in advance of a class start date/time for a full refund. Cancellations made with less than 24 hours notice will be issued a 100% credit towards registration of future classes, good for one year of the original course date. Prices may change without notice for future classes.

## SOFTWARE REQUIREMENTS

Pro Tools Software should ideally be the *current version*. **Please make sure Pro Tools pre-installed and in working order in advance of a scheduled class.** Currently, the "Artist" version is the most economical subscription.

# COMPUTER & SYSTEM REQUIREMENTS

Students will need to provide their own laptop computer (Mac or PC) with Pro Tools 10 or higher pre-installed and in working order in advance of attending class.

Please check these specifications to ensure your computer, it's OS and version of Pro Tools are all compatible and working properly

- AVID's guide to computer OS and software compatibility and system requirements for a stable Pro Tools experience:  
<https://avid.secure.force.com/pkb/articles/compatibility/Pro-Tools-System-Requirements>
- AVID's Pro Tools Operating System Chart:  
[https://avid.secure.force.com/pkb/articles/en\\_US/Compatibility/Pro-Tools-Operating-System-Compatibility-Chart](https://avid.secure.force.com/pkb/articles/en_US/Compatibility/Pro-Tools-Operating-System-Compatibility-Chart)

## ADDITIONAL COMPATIBILITY INFO PER PT VERSIONS

- AVID PT12 (or Higher) Requirements:  
[https://avid.secure.force.com/pkb/articles/en\\_US/Compatibility/Pro-Tools-12-System-Requirements](https://avid.secure.force.com/pkb/articles/en_US/Compatibility/Pro-Tools-12-System-Requirements)
- AVID PT11 Requirements:  
[https://avid.secure.force.com/pkb/articles/en\\_US/compatibility/Pro-Tools-11-System-Requirements](https://avid.secure.force.com/pkb/articles/en_US/compatibility/Pro-Tools-11-System-Requirements)
- AVID PT10 Requirements:  
[https://avid.secure.force.com/pkb/articles/en\\_US/compatibility/en419171](https://avid.secure.force.com/pkb/articles/en_US/compatibility/en419171)

## BROWSER REQUIREMENTS

- Mac Web Browser: Latest version of [Google Chrome](#) (Recommended), or Safari
- PC Web Browser: Latest version of [Google Chrome](#) (Recommended), Internet Explorer, or Edge
- QuickTime: latest version
- Adobe Reader: latest version

## HARDWARE REQUIREMENTS

- Any current audio interface that supports Core Audio (Mac OS) or ASIO (Windows) such as the Avid Mbox 3, Focusrite Scarlett, Presonus AudioBox, etc.

- An iLok Smart Key is required for authorization of all Pro Tools systems (Alternatively, students can use iLok Cloud)
- 2-Octave USB MIDI keyboard/controller
- Personal headphones (not earbuds)
- Notes:
  - Specific hardware and operating system requirements vary depending on your Pro Tools version. For detailed system requirements involving Avid systems, check the [Avid listings of systems requirements](#) and approved interfaces. For information about third-party interfaces, contact the product manufacturer directly.
  - Some interfaces do not provide microphone inputs, so students who utilize these products will not be able to complete recording assignments. Also note that some interfaces require external preamplifiers in order to record microphone inputs.)

Below are the minimum requirements to access the course environment and participate in live chats. Please make sure to also check the Prerequisites and Course-Specific Requirements section above, and ensure your computer meets or exceeds the minimum system requirements for all software needed for your course.

## ADDITIONAL TECH REQUIREMENTS

- Zoom meeting software (free)
- Webcam
- Speakers or headphones
- External or internal microphone
- Stable broadband Internet connection