Training and Certification

Logic 101
Introduction to Logic Pro 9

This three-day hands-on course introduces students to Logic Pro's primary features and basic user interface. Students learn how to generate a customized audio and MIDI configuration that will seamlessly integrate with their own personal production studio. Students also create their own song using Logic Pro's comprehensive array of software instruments, Apple Loops and DSP effects. In-depth lessons cover MIDI and audio recording, streamlined editing and arrangement techniques, user defined key commands, automation, scoring to picture and surround mixing. A troubleshooting section helps students to set up and optimize a Logic system effectively.

Instead of being offered over three consecutive days, some Apple Authorized Training Centers (AATCs) offer this course in a Prime Time delivery model. The class is divided into three-hour seminars to allow working professionals to take the course without interrupting their busy schedules.

Who Should Attend

This class is designed for those who want to learn music production and composition using Logic Pro and who prefer hands-on and interactive instruction to best explore its functionality.

What You Will Learn

- Understanding Workflow Techniques.

- Recording and Editing Audio and MIDI.

- Using Software Instruments.

- Working with Audio Effects.

- Mixing and Automation.

- Manipulating Pitch and Time.

Prerequisites

Students should have the following prerequisite knowledge prior to attending the course:

- Knowledge of OS X and basic computer navigation

- Basic knowledge of audio terminology is highly recommended

Course Outline

Day 1

Make Music with Logic Pro

Opening Logic, Exploring the Interface, Starting a Project with Apple Loops, Navigating the Project, Building an Arrangement, Mixing the Song, and Exporting the Mix

Recording Audio

Setting Up Digital Audio Recording Settings, Recording a Single Track, Recording Additional Takes, Recording Multiple Tracks, Punching In and Out (On the Fly and Automatic), Changing Recording and Metronome Settings

Editing Audio

Comping Takes, Assigning Mouse Tools, Editing Audio Regions in the Arrange Area, Deleting Unused Audio Files, Manipulating the Waveform with the Flex Tool and Editing Audio Destructively in the Sample Editor

Day 2

Recording MIDI

Recording MIDI, Quantizing MIDI Recordings, Merging Recordings into a MIDI Region, Recording MIDI Takes, Using Punch Recording, Using Step Input Recording and Filtering Incoming MIDI Events

Programming and Editing MIDI

Programming in the Piano Roll Editor, Editing a MIDI Recording, Using the Score Editor, Editing Notes with a MIDI Keyboard, Editing Note Velocity Using Hyper Draw, Editing MIDI Continuous Controller Events and Editing in the Event List

Programming Drums

Programming a Drum Pattern in Ultrabeat, Changing the Groove in the MIDI Editors, Creating a Snare Roll Using the Hyper Editor, Converting a MIDI Sequence into an Audio Region and Converting an Audio Region into a Sampler Instrument Track

Manipulating Tempo and Time Stretching

Matching the Project Tempo to an Audio Region's Tempo, Inserting Tempo Changes and Curves, Creating Apple Loops, Changing the Playback Pitch and Speed with Varispeed, Time Stretching and Tempo Matching with Flex Time Editing and Creating a Turntable or Tape Slowdown Effect

Arranging and Preparing for the Mix

Previewing the Song, Using Existing Material to Fill in Parts, Adding and Deleting Sections, Muting Elements and Cleaning Up Noisy Recordings

Mixing

Previewing the Final Mix, Using the Amp Designer, Using the Pedalboard, Adjusting Levels, Choosing Pan Positions, Choosing EQ Settings, Using Delay and Reverberation, Using Dynamic Processing Plug-ins and Tips and Tricks

Automating the Mix and Using Control Surfaces

Creating and Editing Offline Automation, Recording Live Automation, Using Control Surfaces and Exporting the Mix

Troubleshooting and Optimization

Making Backups, Solving Audio and MIDI Routing Problems, Optimizing Hardware Performance and Addressing Unexpected Behaviors

Certification Exam

Students take an end user exam to earn Apple Certified Pro, Logic Pro 9 Level One status.

How to Register

Check the course schedule for a list of courses available for registration at Apple Authorized Training Centers worldwide.

Build Credibility. Get Certified.

- Demonstrate your knowledge by passing the Logic Pro 9 Level One exam and earning Apple Certified Pro - Logic Pro 9 Level One certification.

- Apple Authorized Training Centers offer exams either as part of the course or separately.

Learning Options

The book for this course is Apple Pro Training Series, "Logic Pro 9 and Logic Express 9" by David Nahmani. Save 30% by using coupon code PP-APL-DISC. Click here for availability in other languages.