

Logic 101 - Overview of Logic Pro and Logic Express

Logic Pro 7

Advanced music creation.
Powerful audio production.



Have you ever listened to the radio and thought you could make a better song? Are you tired of using ripped audio as the background for your videos? Do you need a sound design tool that integrates perfectly with software synthesizers and samplers? If you answered "yes" to any of these questions, you need **Logic Pro 101** to help you get those beats out of your head and into your computer.

Course Description

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

Who Should Attend?

This class is designed for those who want to learn music production and composition using Logic Pro or Logic Express.

What You Will Learn

- Working with DSP plug-ins
- Using audio instruments
- Understanding workflow techniques
- Editing audio regions
- Using the Sample Editor
- Working with Apple Loops
- Using the Matrix Editor
- Recording MIDI
- Using the Track Mixer
- Working with Environment

Prerequisites

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

- Basic knowledge of the Macintosh OS

COURSE OUTLINE

Lesson 1: Exploring the Workspace

- Opening a Song File
- Getting to Know the Arrange Window
- Moving the Song Position Line
- Setting a Tempo
- About the Arrange Window Channel Strip
- Using DSP Plug-ins
- Using Audio Instruments
- Using Channel Strip Settings
- Bouncing a Song

Lesson 2: Exploring the Editing Windows

- Getting to Know the Editing Windows
- Working with Windows
- Linking Windows

- Using Screensets

Lesson 3: Understanding Workflow Techniques

- Creating a New Song
- Importing Audio into the Arrange Window
- Importing MIDI into the Arrange Window
- Zooming and Magnifying
- Selecting with the Arrow Tool
- Rubber-Band Selecting
- Using the Cycle Mode
- Using the Skip Cycle Mode
- Dividing Regions
- Moving and Copying Regions
- Naming Regions
- Hiding Tracks (Logic Pro Only)
- Using the Catch Function
- Using Scroll in Play
- Using Key Commands

Lesson 4: Editing Audio Regions

- Exploring the Audio Window
- Using the Sample Editor
- Auditioning Audio
- Adding Audio Files to the Arrangement
- Editing Audio Regions
- Setting a Region's Anchor Point
- Repeating Audio Regions
- Working with Sampling Rates
- Working with Tempo and Audio Regions
- Using Folders
- Saving the Song as a Project

Lesson 5: Working with Apple Loops

- Taking a First Look at Apple Loops
- Working with Tracks
- Looping Objects in the Arrange Window
- Using the Loop Browser
- Using the Global Tempo Track
- Finishing the Arrangement

Lesson 6: Editing MIDI in the Matrix Editor

- Getting Ready to Edit MIDI
- Exploring the Matrix Editor
- Using HyperDraw

Lesson 7: Editing MIDI in the Hyper Editor and Event List

- Exploring the Hyper Editor
- Using Hyper Sets
- Exploring the Event List Editor

Lesson 8: Recording

- Setting Up the Metronome
- Setting a Count-in
- Recording MIDI
- Filtering MIDI Input
- Using Capture Last Take (Logic Pro Only)
- Setting Audio Options
- Getting Ready to Record
- Recording
- Punch-Recording
- Merging Recordings
- Cleaning Up After Recording

Lesson 9: Mixing

- Setting Volume Levels
- Using the Track Mixer
- Exploring the Fader Area
- Creating Fades
- Using Sends
- Monitoring System Performance
- Using the Freeze Function

Lesson 10: Automating the Mix

- Using Track Automation
- Using Live Automation

Lesson 11: Setting Up the MIDI Environment

- Getting Started in Logic's Environment Window
- Activating Logic's Sequencer
- Creating a Standard Instrument
- Creating a Multi Instrument
- Using Instruments

Lesson 12: Setting Up the Audio Environment

- Configuring Audio Hardware and Drivers
- Exploring the Audio Configuration Window (Logic Pro Only)
- Using Audio Objects
- Exploring Audio Object Parameters
- Looking at the Channel View
- Finishing the Autoload Song

Lesson 13: Working with Video in Logic Pro

- Understanding Video Files and Logic
- Using the Global Video Track
- Working with the Movie's Audio
- Working with SMPTE Timecode
- Scoring to Video
- Exporting Audio to Movies