

# Professional Music Production Course in Logic Pro

## Course Overview

Duration: 24 weeks (1 class per week)

Target Audience: Beginners to intermediate learners

Software: Logic Pro (latest version)

Objective: Equip students with a solid foundation in music production, from understanding sound fundamentals to executing basic mixing techniques.

## Module 1: Fundamentals of Sound & Audio (Weeks 1-4)

### Week 1: Introduction to Sound

Topics: Nature of sound, frequency, amplitude, wavelength, human hearing range

Activities: Listening exercises to identify frequency ranges

### Week 2: Microphones & Signal Flow

Topics: Types of microphones, microphone placement, signal flow

Activities: Hands-on with microphones

### Week 3: Audio Interfaces & DAWs

Topics: Role of audio interfaces, DAWs, setting up Logic Pro

Activities: Configuring audio interfaces

### Week 4: Acoustics & Monitoring

Topics: Room acoustics, monitor speaker placement, headphone vs. monitor mixing

Activities: Analyzing room acoustics

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## **Module 2: Logic Pro Essentials (Weeks 5-8)**

### **Week 5: Navigating Logic Pro**

Topics: Interface, track types, using library and browser

Activities: Creating and organizing a project

### **Week 6: MIDI Recording & Editing**

Topics: Recording MIDI, quantization, MIDI editing

Activities: Recording and editing MIDI

### **Week 7: Audio Recording & Editing**

Topics: Recording audio, comping and editing

Activities: Recording and editing audio tracks

### **Week 8: Apple Loops & Virtual Instruments**

Topics: Apple Loops, Logic's virtual instruments

Activities: Create a short composition