



Music Production & Technology Master Course

Instructor: Stein KB Owusu

Duration: 3 Months

Hours: 4 Hours per week

Sessions Total: 48 Hours

Tuition:

- **Online Course: \$3,000 USD**
 - Equivalent to \$100 USD Per Hour Discounted at \$62.50 USD
 - Save \$37.50 USD or 1,800 USD Total

- **In-Person Course: \$5,000 USD**
 - Equivalent to \$150 Per Hour USD Discounted at \$105 USD
 - Save \$45 USD or \$2,160 USD Total

- **DAW Basics Online: \$1,500 USD**
 - Equivalent to \$70 USD Per Hour Discounted at \$31.25 USD
 - Save \$38.75 USD or 1,860 USD Total

Post Completion

- General Certificate of Full Course
 - THIS IS NOT EQUIVALENT TO A DEGREE!!!

General Requirements

- Notebook and Pen

Software Requirements

- Logic Pro X (Central Focus)

Hardware Requirements

- Laptop or Computer (PC or Mac)
- Midi Keyboard
- Headphones or Speakers
- Webcam
- External or Internal Microphone
- Highspeed Internet Connection

System Requirements

- Mac Users
 - OS X 10.10 Yosemite or higher
- PC Users
 - Windows 7 or higher



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Course Syllabus

Lesson 1: Introduction to Digital Production Tools

- Music Production Process
- Creating Musical Ideas
- Listening and Analysis
- Digital Audio Workstation (DAW)
- Recording
- Editing
- Mixing
- Mastering
- Music Production Tools
- Synthesizers
- MIDI Sequencers
- Audio Recorders
- Processors
- Mixers

Lesson 2: Signal Flow (Pathway or Routing)

- Analog Audio Signals and Connections
- Digital Audio Signals and Connections
- Signal Flow Between Devices
- Setting Up a Virtual Studio
- MIDI Signal Flow
- Studio Configuration

Lesson 3: Introduction to Electronic Music Synthesizers

- What's a Synthesizer?
- Properties of Sound
- Pitch, Timbre, Loudness
- Virtual Instruments
- Digital Samplers

Lesson 4: Introduction to MIDI Sequencing: Patterns and Recording in Logic

- MIDI Messages
- Patterns in Music
- Creating Patterns
- Building an Arrangement from Patterns
- Playing Against a Drum Track
- Assignment: Logic Sequencing Project



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Lesson 5: MIDI Sequencing Continued

- MIDI Sequencing in Logic
- The Transport and Arrange Window
- MIDI Sequencing in Logic, Continued
- Getting Ready to Record
- How a Sequencer Represents Time
- Bars, Beats, and Subdivisions
- Real-Time Recording
- Metronome Settings
- Record Modes: A Sequencer Is Not a Tape Recorder
- Replace and Overdub
- Loop Recording
- Step Recording
- Final Sequencing Project, Part 1

Lesson 6: Editing MIDI Sequences

- Editing MIDI Sequences
- Exploring Tempo, Key, Song Length, Velocity, Dynamics, Gate Time, Delay, Event-Level Editing
- Fixing Mistakes
- Correcting Timing
- Correcting Durations
- Correcting Dynamics
- Editing Pitch
- Cut/Copy/Paste Operations
- Editing in the Arrange Window--The Logic Tools
- MIDI Mixing and Automation
- Final Sequencing Project, Part 2

Lesson 7: Common Mixer Configurations

- The Logic Mixer
- The Hardware Mixer
- Technical Issues in Mixing
- Aesthetic Issues in Mixing
- MIDI Tracks into Audio
- Bouncing MIDI Tracks to Audio Files

Lesson 8: Effects Processing, DSP, and Mixing: Part 1

- Insert Effects
- Aux Send and Return Effects in Logic--Set Up a Reverb Send and Return



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- Overview of Effects Types
- Spectrum Processing: Filters
- EQing the Piano Tracks
- Mix Practice--Adding EQ and Reverb

Lesson 9: Effects Processing: Part 2

- Dynamics Processing
- Compressing the Bass Track
- Gating
- Time-Based Effects
- Delay
- Doubling/Flanging/Chorus
- Reverb

Lesson 10: Hard-Disk Recording and Editing

- Sampling Concepts
- Overview of Hard-Disk Recording
- Hard-Disk Issues
- Bouncing a Mix to Disk
- Non-Destructive Editing
- Defining Regions
- Editing a Song Form
- Defining Rhythm Loops
- Loops and Song Tempo
- Destructive Editing
- Cut/Copy/Paste
- DSP
- Using the Change Gain and Normalize Commands
- Using the Silence Command
- Using the Fade In/Out Commands

Lesson 11: Preparing Files for Distribution

- Preparing Sequence Files for Distribution
- Importing and Exporting Standard MIDI Files with Logic
- Posting Sequence Files on the Web
- Audio Distribution Formats
- Mastering
- Mastering Tools
- Mastering for CD, MP3
- Audio File Compression Overview
- Making MP3 Files



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- Distributing Audio Files via the Web

Lesson 12: Final Project Critique and Course Wrap-Up

- Course Wrap-Up
- Where Do You Go From Here?
- How to Grow Your Basic Setup
- Suggested Additional Reading
- Referral/Recommendation Letter

Registration Instructions

All students are required to register through our online portal. Please note the online portal has additional tuition and other information which may not be listed in this basic syllabus outline. This syllabus online outlines the 3 month basic master course. Any extensive education and practical course and internship opportunities are listed in the registration form online. Follow the following link to register for a course.

<http://live4christnetworks.com/contact-us/e-forms/>

Payment Instructions

A minimum of 50% of overall tuition plus a non-refundable \$250 USD deposit is required before start of course. You may make your electronic payments through Cash-App, Paypal, Money Orders, or Mailing in a check. Contact us before and after making payments.