



## **Mixing & Mastering**

### **Overview:**

Learn the sciences of sound, music, and analog and digital audio, then learn how to make all of what you hear in your music sound great! Bring clarity, depth, and punch to your mixes in any genre, in any DAW. Discover a range of classic and innovative mixing techniques shared by audio engineers who are active in the industry. You will learn how to navigate the industry as an audio engineer, mixing for clients or yourself, and train your ears to be ready for any project that comes your way.

### **Who it's for:**

Anyone looking to take their music from production all the way to the radio. Recommended for intermediate-to-advanced users who have a strong understanding of their DAW. We encourage less experienced users to attend one of our DAW courses first or concurrently.

### **Workflow:**

Anyone can mix audio. In fact, everyone is mixing audio as soon as they begin to make new music. This course shows you how to add a method to the madness of mixing. You will learn to separate the production from the mix, build a unique systematic approach to the mix process, and be efficient and effective with your time mixing.

### **Ear Training:**

What good is having expensive EQs and Compressors if we don't know how to properly hear what they're doing? Gain extensive guided training that will open your ears to hearing the details that only the pros can. Once you're hearing music in this new way, there will be no going back! With this new set of ears, you will be able to make informed, confident mixing decisions.

### **Best Practices & How-Tos:**

Get the pro tips and methods to specific mixing scenarios, and eliminate the hours and hours spent finding the right YouTube tutorials. By learning to mix creatively like an artist and scientifically like an engineer, you will become well rounded enough to approach any mix in any genre (for your own music or a client's) and get consistent results. You will also learn how to deliver projects in the correct formats, in a clean and organized system, so you'll never lose your work and the client won't come bugging you for things you missed the first time.





**Weekly Breakdown:**

Week 1:

- What Is Mixing?
- Scientific vs Artistic Mixing
- Why Do We Mix?
- Intro to Sound & Physics
- Stereo Image (Volume = Distance / Frequency = Height)
- Intro to Ear Training: Tone
- Choosing Reference Tracks
- Information Overload: A Taste of the Entire Process

Week 2:

- Ear Training: Tone & Perception
- Your Acoustic Environment
- Speakers vs Headphones
- Room Learning & Translation
- Session Organization, Naming, Coloring
- Preparing Your DAW Template
- Home/Studio Setup Review

Week 3:

- Ear Training: Balance
- Balance-Only Mixing (No Plugins)
- EQ Exercises: Identifying Tone & Conflicts
- Masking Awareness
- Mono Balancing
- Beginning the Mix Process

Week 4:

- Grouping, Summing, & Busses
- Top-Down vs Bottom-Up
- EQ in Context (Broad Strokes/Tone Shaping)
- Metering Basics
- Gain Staging Concepts
- Start Full Mix Project 1 (Swap Mixes With Classmates)

Week 5:

- Ear Training: Dynamics
- Compression Basics (Threshold/Ratio/Attack/Release)
- Hearing Compression
- Compression for Groove, Tone & Glue
- Intro to Drum Mixing
- Full Mix Project 1 Progress Check





Week 6:

- Bus Processing & Parallel Techniques
- Intro to Vocal Mixing
- Intro to Reverb, Delay & Spatial FX
- Creative FX Foundations
- Full Mix Project 1 Review

Weeks 7:

- Vocal Mixing Deep Dive
- Dynamic EQ / De-Essers / Multiband
- Automation & Emotion
- Creative FX & Width
- Translation Testing in Multiple Environments
- Final Review: Full Mix Project 1
- Start Full Mix Project 2

Week 8:

- Mix Templates
- Mixing for Loudness (Perception-based)
- Prepping a Mix for Mastering
- Full Mix Project 2 Reviews

Week 9:

- Full Mix Project 2 Review
- Revisions & Translation
- Intro to Mastering
- Mastering vs Mixing Mindset
- Mastering Chain Overview

Weeks 10:

- Mastering Techniques
- EQ, Compression, Imaging, Limiting
- Mastering Translation & Platform Testing
- Final Delivery Formats (WAV/MP3/Stems)
- Final Review: Full Mix Project 2

