

Advanced Audio Training

Duration: 10 hours

Software: Adobe Audition, Cubase, ProTools and Record

Pre-requisites: A good knowledge of the software used. It is recommended you follow the beginners training before following this course or have equivalent knowledge/experience.

Content

Module 1: The Studio, Recording techniques

- Introduction to Pro Tools/Cubase/Audition/Record
- Installation
- Interface
- Session Templates
- Studio Setup
- Preparing your audio environment
- Signal Flow
- Gain Stages
- I/O Setup
- Different tracks
- Creating a new session
- Exercise : Creating a new multi-track session
- Adjusting recording levels
- Sample Rate and Bit Depth
- Sound Wave Fundamentals
- Deeper into Sampling
- Hard Drive Space Requirements
- Disk Allocation
- Session Parameters
- Buffer Settings and Latency Times
- Preferences
- Importing audio and data files

Module 2: Outils d'édition Tools, Edit Modes, et Crossfades

- Audio Recording
- Sound recording
- Editing overview
- Edit Modes
- Fades and Crossfades
- Effects

- Loops
- Plugins
- The producer's and engineer's role in editing

Module 3: Setting Up your MIDI Studio and recording MIDI. Creating MIDI tracks, Quantization and other MIDI operations, Editing

- MIDI basics
- Setting Up MIDI in your Studio - Hardware and Software Connections
- Using MIDI
- Recording MIDI Data
- Using MIDI Learn
- Bass
- Guitar
- Keyboard Instruments
- Sweetening Instruments
- Orchestral Instruments, Samples, Sound Effects, and Percussion
- Similarities and differences between Audio editing and MIDI
- Cut, Copy, Paste, and Clear MIDI Data
- Quantizing a MIDI Track
- Production Values: Creating a MIDI track
- The producer's role in Preproduction: Writing and Rewriting
- MIDI Score Editor

Module 4 : Recap and practice

- Project - set up
- Recording audio
- Devices set up
- Recording midi
- Editing audio/midi.
- Writing
- Structure
- Arrangement

Module 5: Production

- Pre production
- Mixing
- Mastering
- Post production
- Scores
- Evaluation