

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

Intro to Digital Audio Workstations (DAW)

Workshop Level



LAPT — London Academy of Professional Training

Address 85 Great Portland Street, W1W 7LT, London, United Kingdom

Email info@lapt.org

Telephone +44 7513 283044

Web lapt.org

Reference MU-MPR-W • Music and Performing Arts Centres

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	MU-MPR-W
AWARD	Certificate
ASSESSMENT	440 marks — 264 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1 Audio Editing Basics 3 chapters · 12 classes 65 marks	
• 1 Understanding DAW Interface and Basic Tools — 4 classes › 1.1 Exploring the DAW Interface: Layout and Navigation › 1.2 Identifying Essential Panels and Tools › 1.3 Understanding Track Types and Their Uses › 1.4 Utilizing Basic Editing Tools for Audio Manipulation • 2 Audio Editing Techniques and Workflow Optimization — 4 classes › 2.1 Understanding the DAW Interface for Efficient Navigating › 2.2 Mastering Basic Editing Tools and Techniques › 2.3 Applying Non-Destructive Editing for Improved Workflow › 2.4 Streamlining Your Workflow with Shortcut Customization	• 3 Advanced Editing with Effects and Automation — 4 classes › 3.1 Unleashing Effects: Exploring Audio Plugins › 3.2 Mastering Automation: Controlling Audio Dynamics › 3.3 Creative Mixing: Layering and Effects Blending › 3.4 Achieving Professional Sound: Combining Effects with Automation
2 Exporting and Sharing 3 chapters · 12 classes 65 marks	
• 1 Understanding File Formats and Compression Techniques — 4 classes › 1.1 Exploring Common Audio File Formats › 1.2 Understanding Compression and Its Impact on Audio Quality › 1.3 Comparing Lossy and Lossless Compression Techniques › 1.4 Choosing the Right File Format for Different Scenarios • 2 Export Settings and Optimization for Different Platforms — 4 classes › 2.1 Understanding Export Settings: Formats and Codecs › 2.2 Optimizing Audio Quality for Streaming Platforms › 2.3 Configuring Export Settings for Social Media Sharing › 2.4 Preparing Files for Professional Distribution	• 3 Delivering and Sharing Projects Collaboratively — 4 classes › 3.1 Understanding Project Formats and Compatibility › 3.2 Preparing Files for Export and Collaboration › 3.3 Exporting Audio Tracks and Versions Successfully › 3.4 Sharing Projects and Collaborating Online

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Introduction to Digital Audio Workstations

3 chapters · 12 classes

90 marks

• 1 Getting Started with DAWs: Understanding Basic Interfaces and Functionality — 4 classes

- › 1.1 Navigating the DAW Interface: Understanding Main Components
- › 1.2 Exploring Tools and Menus: Mastering Basic Navigation
- › 1.3 Setting Up Tracks and Channels: Building Your First Project
- › 1.4 Recording and Playback: Hands-On with Basic Functions

• 2 Exploring Essential Tools: Audio Recording, MIDI, and Virtual Instruments — 4 classes

- › 2.1 Understanding the Basics of Audio Recording
- › 2.2 Navigating and Editing MIDI in a DAW
- › 2.3 Exploring Virtual Instruments and Their Uses
- › 2.4 Integrating Audio and MIDI for Creative Projects

• 3 Mixing and Exporting: Applying Effects and Finalizing Projects — 4 classes

- › 3.1 Understanding Basic Audio Effects
- › 3.2 Applying Effects to Enhance Audio Quality
- › 3.3 Balancing and Mixing Tracks for Clarity
- › 3.4 Exporting Final Audio Projects Professionally

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Mixing and Effects

3 chapters · 12 classes

65 marks

• 1 Chapter 1 — Understanding Signal Flow and Basic Mixing Techniques — 4 classes

- › 1.1 Exploring the Basics of Signal Flow in DAWs
- › 1.2 Identifying and Connecting Audio Signals
- › 1.3 Applying Fundamental Mixing Techniques
- › 1.4 Experimenting with Basic Audio Effects

• 2 Chapter 2 — Applying Dynamic and Frequency-Based Effects — 4 classes

- › 2.1 Understand Dynamic Range Compression
- › 2.2 Explore Equalization Techniques
- › 2.3 Apply Reverb for Space and Depth
- › 2.4 Utilize Sidechain Compression in Mixing

• 3 Chapter 3 — Advanced Effects and Creative Processing Techniques — 4 classes

- › 3.1 Exploring Advanced Modulation Effects
- › 3.2 Harnessing Dynamic Processors for Creative Sound Design
- › 3.3 Utilizing Time-Based Effects to Enhance Depth and Space
- › 3.4 Implementing Creative Automation Techniques in Mixing

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Project Workflow Management

3 chapters · 12 classes

90 marks

• 1 Understanding DAW Interfaces and Tools — 4 classes

- › 1.1 Navigating the DAW Interface
- › 1.2 Identifying and Utilizing Key Tools
- › 1.3 Customizing Interface for Workflow Efficiency
- › 1.4 Applying Tool Functions in a Simple Project

• 2 Efficient Project Setup and Organization — 4 classes

- › 2.1 Understanding DAW Project Structures
- › 2.2 Configuring Default Project Settings
- › 2.3 Organizing Track Layouts for Efficiency
- › 2.4 Implementing File Management Best Practices

• 3 Advanced Workflow Techniques and Automation — 4 classes

- › 3.1 Streamlining Your Workflow with Templates and Presets
- › 3.2 Automating Repetitive Tasks Using Macros
- › 3.3 Enhancing Efficiency with Smart Routing and Signal Flow
- › 3.4 Mastering Advanced Automation Techniques for Dynamic Mixing

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Recording Techniques

3 chapters · 12 classes

65 marks

• 1 Chapter 1 — Fundamentals of Recording in a DAW — 4 classes

- › 1.1 Understanding the DAW Interface
- › 1.2 Setting Up for Successful Recording
- › 1.3 Capturing Audio: Techniques and Tools
- › 1.4 Evaluating and Refining Your Recordings

• 2 Chapter 2 — Microphone Techniques and Placement — 4 classes

- › 2.1 Understanding Microphone Types and Characteristics
- › 2.2 Exploring Basic Microphone Techniques
- › 2.3 Setting Up Microphone Placement for Optimal Sound
- › 2.4 Applying Microphone Techniques in different Recording Scenarios

• 3 Chapter 3 — Advanced Signal Processing and Editing — 4 classes

- › 3.1 Understanding Advanced Signal Processing Concepts
- › 3.2 Exploring Dynamic and Spectral Processing Tools
- › 3.3 Mastering Audio Editing Techniques for Precision
- › 3.4 Applying Advanced Techniques in Creative Projects

