

AVID Editing for Broadcast & Distribution

Private or in-company bookings only

Length: 2 days

This is a two-day course for those wishing to advance their knowledge of the Avid Editing System.

This course, which allows the editor to use and maintain any Avid edit suite, begins with discussing the technical nature of sound and picture in the digital realm. The Advanced editing tools are fully explored as are the range of special effects available for colour correction, multi-layered video, and audio mixing.

DAY ONE

Introduction

- Discuss Course outline
- Agree Learning Aims
- Obligations of Trainer
- Obligations of Trainees

Video in the Digital Realm

- Analogue / Digital
 - Digital Recording systems
 - Bit depth re colour and sound
- The Video Frame
 - International Standards
 - Scan theory
 - Working with pixel aspect ratios
 - HDTV & Film Definition
- Compression
 - How compression affects signals
 - Compression on differing tape formats
 - Good Practice using compression
- The Post Production Path
 - Offline / Online theory
 - Post Production scheduling
 - Offline
 - Visual Effects
 - Online
 - Sound Design & Track Laying
 - Grading
 - Dub
 - The DV revolution
- Timecode
 - Good Practice using Timecode
- Bars and Tone
 - Why use them?
 - Colour bars and 'scopes
 - Reference tone on the three scales
 - Stereo Tone
- The Clock
 - What is it for?
 - What information is included?
 - TC and the Clock

Avid Interface - Advanced

- Titles
 - Grads and Transparency
 - Crawl & Roll
- Video Effects
 - Keyframing
 - Pan & Zoom
 - Keying
 - Timewarp
 - Nesting
 - Collapsing and Submastering
- Edit Tools – Advanced
 - Slip n Slide in Trim mode
 - Locators, Mark Clip & Match Frame

DAY TWO

Avid Interface – Advanced Continued

- Colour Correction
 - Manual Controls
 - *Hue / Sat / Bright / Con Controls*
 - *Gain / Gamma / Setup Controls*
 - *Shadows / Midtones / Highlights Hue Offsets*
 - *RGB/CMY Curves*
 - *The Colour Picker and the CC Buckets*
 - Automated Controls
 - *Using the Match Colour Tool*
 - *Auto Balance, Auto Contrast*
 - Workflow and good practice
 - CC Settings
 - Legal requirements and the Safe Colour Warnings
- Audio Editing
 - Automation Gain
 - AudioSuite and effects
 - Audio Punch-In
- Importing sequential files

Exporting

- OMF, AAF, AFE and ALE use
- QT Reference
- Sequential stills
- 3G Mobile Networks, Optimisation for web streaming
- Preparation for Online
 - Project data transfer
 - Batch Import and Record preparation
- System Management
 - Media File / Master Clip / Sequence theory
 - Media management with the Media Tool
- System Customising
 - Button Reassignment
 - Central Fast Menu
 - Bin Views
 - Timeline track adjustment
 - Source & Record Monitor pop-downs
 - User Settings management

Close

- Sum-up
- Feedback
- *Re-address issues as required*
- *Advise actions for further learning*

PRE-REQUISITES:

A basic understanding of the Avid interface – see the introductory course