

## AVID Introduction

Private or in-  
company bookings  
only

Length: 2 days

This is a two-day introductory course for those wishing to learn the Avid Editing System. Avid is the most widely used professional edit interface in the world and is used in news, drama, documentary, soaps, game shows and feature films.

The course intensively follows the needs of the editor in using the edit suite, starting with the technical underpinnings of video in the digital realm, and exploring the wide variety of editing tools available to the Avid user.

### DAY ONE

#### Introduction

- Discuss Course outline
- Agree Learning Aims

#### Video Basics

- Analogue / Digital
  - The analogue world
  - Recording techniques old & new
  - Copying theory
- Compression
  - Why compress?
  - Why not compress?
  - Compression in acquisition and distribution
  - Compression in post-production
- The Post Production Path
  - Offline / Online theory
  - The DV revolution
- The Video Frame
  - International Standards
  - Fields & Frames
  - 4:3 and 16: 9
- Timecode
  - What and why?
  - Counting theory
  - TC breaks and jumps with reference to pre-roll

#### Avid Basics

- The Interface
  - Project Window
  - Bins
  - Source/Record Monitors
  - Timeline
- Edit Tools - Basic
  - Use of In and Out points
  - Splice-In and Overwrite
  - Timeline theory
  - Cut and Lift
  - Using the Clipboard Monitor
  - Segment Mode
  - Add Edit
  - Management of Tracks

- Capturing
  - Track selection
  - Resolution / Colourspace
  - Drive management
  - Deck communication
  - Manual Recording
  - Automatic capture
  - Log Mode
- Titles
  - Title Tool Theory
  - Title Tool controls
    - Text
    - Geometrics
    - Transparency
    - Shadows
    - Templates
- Video Effects
  - Effects Editor & Effects Palette
  - Transitions - Dissolves, dips and wipes
  - Head & Tail Fade
  - Clip Effects – Superimpose & Resize
  - Rendering
  - Blue light / Green light

### DAY TWO

- Speed alterations
  - Motion Effect
  - Speed up & slow down
  - Working to Fit
  - Strobe Effect
  - Field Issues
  - Freeze Frame
- Edit Tools – Advanced
  - Trim mode
  - Locators, Mark Clip & Match Frame
- Sound Production
  - Audio Editing
    - Sample Plot
    - Audio Mix Tool
    - Automatic Gain and Rubber Banding
    - Audio Scrub monitoring
  - Audio Settings
    - Sample Rate
    - Input & Output

- Importing
  - RGB / 601 colour theory
  - Recap fields and pixel aspect ratio theory
  - Alpha Channel Theory
  - Video Resolution
  - Audio samplerate and bitdepth
    - Exporting
  - Avi vs QT
  - Codec choice
  - Sequential still files
    - Playing out to tape
  - Rendering Effects
  - Digital Cut
  - Black at Tail
  - TC start choice
    - System Management
  - Media management on the desktop
    - Additional Info
  - Source Monitor pop-down
  - Record Monitor pop-down
  - Timeline pop-up
  - Central Fast Menu
- Close
  - Sum-up
  - Feedback
  - Re-address issues as required
  - Advise actions for further learning

#### PRE-REQUISITES:

Previous knowledge required: Experience of using the programs in Windows Operating System.