Adobe Authorised Training Centre

Adobe Flash: Video Development

media training

enquiries@mediatraining.ltd.uk 020 7359 9855 www.mediatraining.ltd.uk

Course description

This three day Adobe authorised course is designed for those with some Flash experience who wish to develop the knowledge and hands-on expertise required to develop and deliver high quality Flash video.

The course focuses on creating custom video players, using pre-built components, encoding video, using media components, streaming video, progressively downloading video and using the Adobe Flash Video Streaming service.

The course also utilises ActionScript to access media classes and core streaming classes to deliver instant-on video, playlists and the types of enhanced visual effects and interaction that only Flash can deliver.

Course information

Course duration

Three days

Course cost

Public scheduled course: £990 plus VAT per person.
This course runs as a public scheduled course on a regular basis.
Please call 020 7359 9855 or visit www.mediatraining.ltd.uk for dates.

Private course £1,485 plus VAT for three days of individual tuition.
Please call for prices for private groups of two or more.

Course location

We have two fully equipped training centres in central London; one is in Highbury and Islington (one stop from Kings Cross) and one next to Waterloo station.
We can also run courses onsite at your offices if you prefer.

Pre course requirements

You should have completed the Flash: Introduction to ActionScript course at Media Training; or you should have attended the Introduction to Adobe Flash course and have an additional 4-6 months of Flash development and ActionScript experience.

Post training support

The cost of the course includes lunch, course notes to take away, a certificate and six months telephone Helpline support.

Follow on courses

Introduction to Final Cut Pro, Introduction to Adobe Premiere.

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Introducing Flash Video
- Defining streaming
- Defining digital video
- Understanding key Flash Video concepts
- Viewing Flash Video market adoption statistics
- Examining the streaming video market
- Identifying key benefits of Flash Video over traditional media
- Introducing the Flash Communication Server for streaming video

Building a component based Media Player
- Understanding the Flash video development workflow
- Using the Adobe Video Kit to embed Flash Video
- Building a Media Player with the media components
- Using behaviours to control media components
- Binding playback properties and components
- Building a playlist and video picker
- Masking videos

Reviewing ActionScript
- Reviewing ActionScript basics
- Using ActionScript to control the media components
- Handling component events
- Using the setInterval() method

Building a custom Media Player
- Using the ActionScript classes for streaming
- Connecting the Flash player to a server
- Using the embedded video object
- Controlling and displaying streams
- Using the Sound class to control audio streams
- Handling stream events

Encoding Flash Video
- Understanding the Flash Video (FLV) format
- Converting to FLV using the Flash Video Encoder
- Setting In/Out points
- Encoding Alpha Channel

Optimising video
- Adjusting digital video properties
- Getting the best video encoding
- Optimising encoder settings
- On2 VP6 vs Sorenson Spark
- Deinterlacing video
- Trimming and cropping

Delivering Flash Video
- Understanding video delivery options
- Using progressive download
- Using the Flash Video Streaming Service
- Streaming Flash video using the Flash Communication Server
- Tracking FLV playback

Using Video Cue points
- Adding Cue Points
- Cue Point types
- Adding Cue Point parameters
- Detecting Cue Points with ActionScript
- Synchronising a slide presentation

Using live video
- Using Adobe Media Encoder
- Introducing live Flash Video
- Using the live video encoder
- Setting the live encoder
- Recording a live stream
- Playing a live stream
- Creating bandwidth strategies

Questions and answers