

Introduction to HTML5



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HTML5 is the latest revision of HTML and brings a host of benefits - primarily the ability to include video, audio and canvas elements, scalable vector graphics etc without the need to rely on proprietary plugins.

Course Description

Our HTML5 course is very useful to both beginners and advanced developers that already have experience in developing web applications. Some understanding of the web is useful, but no prior knowledge of HTML is required though, again, it would be useful.

The HTML5 course is run as a bespoke course, giving you the opportunity to tailor the course to your exact requirements. To provide a start point, we'd recommend you use the suggested outline as a guide.

Who should attend?

Developers/Managers/Graphic/Web Designers, anyone that needs to understand why HTML5 such a core part of any website development these days.

Should you wish to further develop your knowledge, you might be interested in our other Web Design Courses. The course runs from 9.30 am to approximately 4.30 pm.

Introduction

What is HTML 5?
How did HTML5 Get Started and what are the aims?
New Features,
Browser Device Support,
DOCTYPE and Meta charset,
Sorting Internet Explorer Issues,
Using html5shiv,
What's the advantage of HTML5?

Animation in HTML5

HTML5 v Flash.

HTML5 Development Tools

New Elements in HTML5,
HTML5 Structural Elements,
HTML5 differences from HTML4,

Definition of Structural Elements.

A Basic HTML5 Document

A sample HTML5 Page,
New Form Elements,
New Form controls,
Example HTML5 Form.

Browser Support for HTML5

Media Elements,
Formats, Codecs & Technicalities,
The HTML5 Video Code,
Embedding your Video,
Embedding your Audio.

Canvas Elements

Why Use Canvas?
Definition of the Canvas Element,

Providing Alternate content,
Basic Canvas Scripting,
Drawing Rectangles and Paths,
Browser & Mobile Device Support,
What About Internet Explorer 6-8?
Working with Easel.js,
HTML5 Canvas Examples.

Building TOTALLY Cross Browser HTML5 Code

HTML5 Boilerplate,
Working with Modernizer,
HTML5 Development Tools and Software,
Optimising your Web Pages,
Mobile Web Optimization,
Testing Tools.

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HTML and CSS Introduction



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Course Description

HTML and CSS are two of the fundamental languages used to create websites. HTML defines the structure and meaning of your web page content, while CSS adds style and presentation. Together, these languages give you the basic tools to code websites. This introductory course will start from the beginning and give you the knowledge and confidence you need to use HTML and CSS to create websites from scratch. No need for Adobe Dreamweaver - just a browser and a text editor.

Who should attend?

New designers, web editors, and anyone who works with computers but is new to web design. No prior knowledge of HTML or CSS is needed.

Should you wish to further develop your knowledge, you might be interested in our other Web Design Courses. The course runs from 9.30 am to approximately 4.30 pm.

Introduction

HTML & CSS: a separation of concerns
What is markup?
What is hypertext?
Defining structure and meaning

The HTML language

The structure of HTML documents
Paragraphs
Headings
Lists
Divs
Block and inline elements
Spans

Hyperlinks

What is a hyperlink?
Local links
Remote links
Links within a page
Email links

Tables

Tables for tabular data, not markup
Example tables and calendars

Images

Displaying images
Image formats
Combining links and images
Images and accessibility

Forms

Creating interactive forms
Collecting form data

HTML5

What is HTML5?
Section
Article
Header
Footer
Nav
Aside

Main

CSS

Adding style to web pages
Writing CSS style rules
The box model & box sizing
Understanding selectors
Working with floats
Using floats for grid layouts
Future layout developments: flexbox
Visual Effects: animation, transparency
Web typography: text & web fonts

HTML Projects

Search Engine Optimisation (SEO)
Accessibility
Performance
Responsive Web Design
Adding JavaScript
Learning resources

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