



HTML/XHTML/CSS coding - Introduction

Duration: 2 Days

HTML is the core language for creating web pages. This course is aimed at anyone wishing to learn how to write and edit HTML, XHTML and CSS code whether planning to hand-code or use a visual editor such as Dreamweaver or Golive. The course is based on sample sites and projects, starting with the fundamentals, then moving quickly on to more sophisticated layout and design-oriented techniques.

Requirements: None in particular, although some experience in using the web is important.

General

- How browsers and platforms differ
- Site structure and management
- Following standards - usability and accessibility issues, essential page elements and properties

HTML/XHTML

- About HTML - concepts, history and versions
- About XHTML - why you should use current standards and how XHTML differs from HTML
- Document type definitions
- Principals of HTML - element structure, tags and properties
- Writing good HTML - rules and conventions

Formatting

- Formatting text - changing typeface, size and colour, using standard fonts
- Alignment and line breaks
- Special characters
- Assigning colours - understanding Hexadecimal notation and RGB colours

Hyperlinks

- Understanding document relative and absolute paths, email and external links
- Creating simple navigation for websites
- Using Lists for menus

Forms

- Creating an interactive feedback form
- Using a server-side script

Page layout and Structural elements

- Tables - coding efficient tables for page content, fixed and flexible tables
- Frames - about frames and when to use or avoid them
- CSS-driven layouts: the principals of using CSS to design pages

Cascading Stylesheets

- Writing inline, embedded and external styles
- Customising HTML tags
- Classes and IDs
- Grouping selectors
- Using CSS properties
- Units of measurement: Fixed and relative
- Understanding the Cascade
- About Inheritance
- Hyperlink styles
- Descendant styles