

Advanced CSS

Duration: 1 day

This course concentrates on creating sophisticated CSS-driven web pages. We discuss issues such as browser compatibility, accessibility and semantic markup. Cutting edge techniques include creating 'block' and 'tabbed' menu elements, positioning, special effects such as opacity and rounded corners and more.

Requirements: A good working knowledge of HTML coding, and basic CSS.

Concepts

- CSS and XHTML – creating pages that adhere to current standards
- Devising a strategy for designing and building pages with HTML & CSS

Writing CSS

- The Cascade, Inheritance and Specificity - how rules apply and how they override other rules.
- Syntax: selectors, declarations, rules, redefining tags, creating classes and IDs, grouped styles, Descendant, Child and other selectors
- When to use ID's vs. Classes
- Background images - controlling position, using Fixed attachment
- Stylesheets for printable pages
- Understanding the Box Model - margins, padding and borders
- Understanding vertical spacing - how margins 'collapse'

Positioning and Floating

- Creating single and multi-column layouts
- Fixed and fluid designs
- Ensuring accuracy
- Using Floats to create multiple columns and other designs
- Clearing floats using 'invisible' elements
- Using Absolute and Relative positioning
- Creating independently scrolling elements
- Stacking order, width and other issues

Navigational and graphical elements

- Applying Hyperlink styles
- Converting HTML lists to horizontal or vertical menus
- Creating a 'block' menu with rollover effects
- Creating a 'tabbed' menu
- Creating highlighted 'current page' links
- Rounded corners
- Opacity techniques

Dealing with browser incompatibilities

- Internet Explorer issues
- Browser-specific styles
- Macintosh browsers

Recommended Further training

- Introduction to Flash
- Photoshop for the Web