

CSS Course Content

Introduction to Web Page Design

- The Basic Purpose of CSS
- When to use a Table
- Parts of a CSS Rule
- Types of CSS Rules
- CSS on Properties and Elements
- Where to define CSS Styles

Putting CSS into Perspective

- CSS is good for Colour, Fonts, and Images
- Multiple Style Sheets, Users, and CSS
- What CSS can't do by itself
- CSS and Web Accessibility
- Accommodating older browsers
- Make modern browsers more accommodating

Digging Below The Surface

- Applying CSS to HTML Documents
- How Inheritance Works in CSS
- Selectors and Structure of CSS Rules
- Selectors:
 - ➔ Element Type, Universal, Class, ID, Pseudo-Element, Pseudo-Class, Descendant, Parent-Child, Adjacent, Attribute
- Grouping Selectors
- Expressing Measurements
 - ➔ Absolute & Relative Values

Page Layout with CSS

CSS Web Site Design

- Advantages of CSS Design
- CSS Positioning
- Multi-Column Layouts
- The CSS Box Model
- Display property
- Float and Clear properties
- Absolute, Relative, and Positioning Contexts

- More on Positioning Page Blocks
- Measurement Units & Types Influence Design



- The z-Index Property & Overlapping Content

Styling Text and other Content with CSS

- How to Specify Colours
- Setting body Colour
- Transparency, Colour, and User Overrides
- Interesting Uses of Colour

Using Fonts

- How CSS deals with Fonts
- The font-family and font-size Properties
- HTML sizes V CSS Sizes
- Variability across browsers/Platforms
- Other Font properties
- Standard V Non-Standard Font Families
- Specifying Font Lists
- Using Nonstandard and Downloadable Fonts

Text Effects and the Cascade

- The span Element
- Text Alignment as a Design Technique
- Horizontal and Vertical Spacing
- The line-height, letter-spacing and word-spacing properties
- Text Decorations
- Shadowed Text without Graphics
- Styling Hyperlink
- Styling Lists with CSS
- Cascading and Inheritance
- Cascading basics
- Sort Order
- Specificity
- Origin
- Weight

Adding Graphics

- Alignment of Images and Text
- Placing Text On Top of Images
- Clipping HTML Content

Improving the User Experience

- Basic List Styling With CSS



- Enhancing the look of a Menu
- Creating a Submenu within the Main Menu
- Using a Background Image as a fixed canvas

