Website Design with CSS

Overview

This course is aimed at people who want to learn how to create Web pages by writing HTML code and creating page layouts and formats using Cascading Style Sheets. The course helps web developers using web authoring tools such as Dreamweaver to have a greater understanding of how CSS works with external and internal style sheets, along with inline styles.

Objectives

On completion of this course delegates will be able to:

- ✓ Introduction to style sheets
- ✓ Working with style sheet properties and selectors
- ✓ Linked style sheets

Course Content

Introduction to CSS

- Benefits of separating Style from Content
- Stylesheet syntax
- Rules, Selectors and Tags
- Cascading order
- Inheritance

Implementing style sheets

- Inline styles
- Internal/ embedded stylesheets
- External/Linked stylesheets
- Importing stylesheets

Measurements in web design

- Units - ems, percentage, pixels

CSS Selectors

- Tag selectors
- Class and id selectors
- Contextual Selectors
- Pseudo classes and pseudo elements
- Specificity
- Formatting links

Text and Fonts

- Formatting Text with CSS
- Font Properties
- List Styles

The Box Model

- Formatting with the box model
- Borders, Padding and Margins
- Alignment

CSS Positioning

- Floating Elements
- Positioning absolutely vs. relatively
- Layering elements with the Z-Index property
- Making elements invisible

Colours and Backgrounds

- Specifying colours and backgrounds
- Setting border and hyperlink colours
- Controlling the background image

Tables

- Parts of a table
- The collapsing borders model
- Alignment and sizes
- Rules in conflict
- Cascading order

CSS Layout

- Using divs for layout
- Understanding float
- Relative positioning on a div
- Centering content
- Fluid vs Elastic vs Fixed layout