

CSS Essentials Training - 1 day

Course Overview

CSS (Cascading Style Sheets) gives designers precise control over every aspect of Web page design and layout. With CSS, important Web page elements such as fonts, lists, color, backgrounds, borders, relative positioning, and visibility, can be styled and re-styled, allowing flexibility and precision.

Objectives:

Students will learn how to:

- Use Cascading Style Sheets (CSS) in combination with HTML code to create consistent, well-formatted Web pages.
- Add CSS code to HTML tags, Web pages, and Web sites, maintaining the proper hierarchy of CSS formatting.
- Redefine the formatting of HTML tags using definition lists, rules, and HTML selectors.
- Create styles that can format various HTML tags or text areas using class selectors.
- Use CSS rules to add emphasis and visual interest to text.
- Control specialized text features such as decoration and leading using CSS properties.
- Apply borders, margins, and padding to HTML areas using CSS properties.
- Choose appropriate formatting features based on a target audience.
- Accurately position page elements using CSS layout controls.
- Design and redesign Web sites using only CSS for formatting and positioning of page elements.

Prerequisites

Basic experience in HTML is a requirement for this class.

Exercises

Hands-on examples are given during the course so that the delegate will be able to understand CSS and create stylesheets for their own web or XML projects.

Overview of Style Sheets

- Introduction to Cascading Style Sheets (CSS)
- SS Terminology
- Designing with Style Sheets
- Style Sheet Syntax

Creating Rules

- Class Selectors
- The DIV and SPAN Elements
- Linked (External) Style Sheets

Conflicting Rules: The Cascade

Rules in Conflict, Cascading Order

Text and Font Properties

- Typographical Properties
- Font Properties
- Applying Colors
- Background Techniques

Box Properties

- Formatting with the Box Model
- Borders - Patrol Them en force
- Floating Elements
- Styling Lists

CSS Positioning

- Positioning Elements Absolutely and Relatively
- Layering Elements with the Z-Index Property

Design and Usage Techniques

- Applying CSS Wisely
- Dynamically Linked Style Sheets
- Contextual Selectors
- Validating and the Future of CSS