

# Cascading Style Sheets

**Duration:** 2 Days

## Course Overview:

In this course, you will be introduced to the concepts, techniques, properties, and values of CSS in a sequence that reflects a typical “building up” of design rules. Cascading Style Sheets (CSS) is an important component of successful Web design. It is integrated into HTML 4.0, so to create valid HTML 4.0 pages you should use CSS to control your colors, typography, and layout schemes, rather than the HTML style-oriented tags and attributes of previous versions of HTML. You will first start with colors since they are the simplest part of CSS and are often dictated to you by the organization's existing color scheme. Next, you will learn how to control typography using text and font properties. You will then explore the layout-oriented styles of CSS, including margins, padding, and absolute and relative positioning. Finally, you will learn to apply the finishing touches to your design, utilizing such techniques as customizing cursors, links, and forms, and creating alternate style sheets.

## Students Learn How To:

- Control color and typography
- Create style sheets that cascade according to established guidelines
- Design content sections using box properties
- Control page layouts with positioning
- Enhance an existing design
- Create alternate style sheets and link pages to them

**Who Should Attend:** New and experienced HTML authors or Web designers/developers who want to use CSS to create more powerful, efficient, and standards-compliant Web sites.

**Prerequisites:** To ensure your success, we recommend you first take HTML Introduction and Intermediate courses or have equivalent knowledge.

## Course Outline:

### Controlling Color and Typography

Create an Embedded Style Sheet  
Apply Color  
Comment Your Code  
Modify Text & Font Styles  
Create a Linked Style Sheet

### Designing with the Cascade

Create Class Styles  
Create ID Styles  
Create Contextual Styles  
Target Styles to Elements with Specific Attributes  
Create Style Sheets that Cascade  
Import Style Sheets  
Create Inline Styles

### Designing Content Sections

Control Margins and Padding  
Create Borders  
Control Element Dimensions  
Create Floating Elements  
Control Content Overflow

### Controlling Layout with Positioning

Controlling Layout with Absolute Positioning  
Create a Fixed, Multi-column Layout

### Controlling Layout with Positioning (cont.)

Create a Fluid, Multi-column Layout  
Control Layout with Relative Positioning  
Control the Display of Layered Elements  
Apply Fixed Positioning

### Enhancing an Existing Design

Customize Cursors  
Customize Link Styles  
Customize Forms  
Display and Manipulate Background Images  
Customize Lists  
Create Generated Content

### Creating Alternate Style Sheets

Create Accessible Style Sheets  
Apply User-Defined System Fonts and Colors  
Create a Print Style Sheet

### Appendices A-E

A: The :first-line and :first-letter Pseudo Classes  
B: The DOCTYPE "Switch"  
C: Fixing Element Widths in IE 5.x  
D: Scrollbar Colors  
E: Proprietary Cursor Styles