

# Cascading Style Sheets (Third Edition)

Course length: 2 days

## Course Description

You are familiar with using HTML to design web pages. You have used HTML style-oriented tags and attributes to stylize and design your pages. Cascading Style Sheets, or CSS, is integrated into HTML 4.01 and forms an important component of successful web design. CSS offers great flexibility and ease in designing web pages without code heavy HTML documents. In this course, you will work with properties and styles related to colors, typography, page layouts, customized cursors, links, and forms available in CSS to build an effective web page.

**Course Objective:** You will use cascading style sheets to design and develop efficient and effective websites.

**Target Student:** Cascading Style Sheets (Third Edition) is intended for the student who is an experienced developer of web pages and has some experience with HTML. Students should be comfortable creating web pages, writing HTML code, and in using Internet Explorer or Netscape Navigator.

**Prerequisites:** To ensure your success, we recommend you first take the following courses or have equivalent knowledge:

- HTML 4.01: Web Authoring, Level 1 (Second Edition)
- HTML 4.01: Web Authoring, Level 2 (Second Edition)

**Delivery Method:** Instructor-led, group-paced, classroom-delivery learning model with structured hands-on activities.

## Performance-Based Objectives

Upon successful completion of this course, students will be able to:

- Control color and typography.
- Create style sheets that cascade according to established guidelines.
- Design content sections using box properties.
- Control your page layouts with CSS positioning.
- Enhance an existing design.
- Create alternate style sheets and link your pages to them to enhance the accessibility and functionality of your websites.

## Course Content

### Lesson 1: Controlling Color and Typography

Topic 1A: Create an Embedded Style Sheet

Topic 1B: Apply Color

Topic 1C: Comment Your Code

Topic 1D: Modify Text Styles

Topic 1E: Modify Font Styles

Topic 1F: Create a Linked Style Sheet

### Lesson 2: Designing with the Cascade

Topic 2A: Create Class Styles

Topic 2B: Create ID Styles

Topic 2C: Create Contextual Styles

Topic 2D: Target Styles to Elements with Specific Attributes



Topic 2E: Create Style Sheets that Cascade  
Topic 2F: Import Style Sheets  
Topic 2G: Create Inline Styles

### **Lesson 3: Designing Content Sections**

Topic 3A: Control Margins and Padding  
Topic 3B: Create Borders  
Topic 3C: Control Element Dimensions  
Topic 3D: Create Floating Elements  
Topic 3E: Control Content Overflow

### **Lesson 4: Controlling Layout with Positioning**

Topic 4A: Control Layout with Absolute Positioning  
Topic 4B: Create a Fixed Multi-Column Layout  
Topic 4C: Create a Fluid Multi-Column Layout  
Topic 4D: Control Layout with Relative Positioning  
Topic 4E: Control the Display of Layered Elements  
Topic 4F: Apply Fixed Positioning

### **Lesson 5: Enhancing an Existing Design**

Topic 5A: Customize Cursors  
Topic 5B: Customize Link Styles  
Topic 5C: Customize Forms  
Topic 5D: Work with Background Images  
Topic 5E: Customize Lists  
Topic 5F: Create Generated Content

### **Lesson 6: Creating Alternate Style Sheets**

Topic 6A: Create Accessible Style Sheets  
Topic 6B: Apply User-Defined System Fonts and Colors  
Topic 6C: Create a Print Style Sheet

**Appendix A:** The :first-line and :first-letter Pseudo-Classes

**Appendix B:** The DOCTYPE Switch

**Appendix C:** Fixing Element Width in IE 5.x

**Appendix D:** Scroll Bar Colors

**Appendix E:** Proprietary Cursor Styles

