



# Cascading Style Sheets

Duration: 2 days

**Course Synopsis:** This two day course teaches the web designer how to control the appearance of their web design by separating the visual presentation from the content. This class covers basic to advanced design topics including selectors, the cascade, and inheritance. The training also covers how to build effective navigation, how to lay out pages, and how to work with typography, colors, backgrounds, and white space. Using a project-based approach, the students will through the process of creating a Web page, while learning the essentials of CSS along the way.

**Who Should Attend:** Web professionals who are seeking to create a more accessible and flexible page design structure using Cascading Style Sheets. This class covers CSS for type, page layout, and styling for specific mediums.

**Prerequisites:** Because of the amount of material we cover in class, we do require students to be comfortable using a mouse, opening and saving files, and the general operations of computers. While we will make every reasonable effort to help, students with insufficient skills may be required to observe the class lessons or do their best to keep up without slowing down the rest of the class. We highly recommend working with the application tutorial before coming to the course. In addition, students are required to be relatively well-versed in the basics of HTML and web coding as well as familiarity with web terminology.

## What You Will Learn:

- Understanding CSS Terminology
- Using Class Selectors
- Using floats for Page Layout
- Setting Foreground and Background Properties
- Using External Style Sheets
- Changing Font Styles and Weights
- Understanding Margins and Adding Borders
- Styling Tables and Captions
- Styling for Specific Mediums
- Styling for Print
- Setting Global Styles
- Laying out a Navbar

**Time:** Class time is 9:00 a.m. - 4:00 p.m.

Breaks are scheduled throughout the day and lunch is typically scheduled 12-1. Students provide their own lunch.

**Course Materials:** Course materials are provided. Our goal is to make sure your class meets your objectives, not ours. Therefore, all of our outlines are treated as guides to help steer the workshop. We may change or alter course topics to best suit the classroom situation.

**Related Courses:** We recommend the following courses that relate to this class: Adobe Dreamweaver CS3 - Introduction. Please take a look at our other course outlines at our web site, <http://www.trainingobjectives.com>.

**Goals:** Training Objectives realizes the importance of education and we take pride in being able to offer you classes that are more custom fit to your needs. Call us at (503) 245-3387 if you have any special questions or e-mail us at [info@trainingobjectives.com](mailto:info@trainingobjectives.com).

# Cascading Style Sheets

## LESSON 1

Understanding CSS  
Introduction to CSS  
What is CSS?  
Why use CSS for web design?  
Authoring CSS

## LESSON 2

Reviewing XHTML basics  
Understanding CSS Terminology  
Adding rules to a stylesheet  
Adding Selectors  
Working with multiple selectors  
Embedding a stylesheet  
Importing an external style sheet  
Importing multiple style sheets  
Linking to an external style sheet  
Managing style sheets

## LESSON 3

Selectors and the Cascade  
Understanding Selectors  
Using ID Selectors  
Using Class Selectors  
Using Grouped Selectors  
Using Descendant Selectors  
Looking for the sources of styles  
Resolving style conflict  
Using the !Important declaration  
Understanding inheritance  
Revealing unstyled documents  
Applying user styles sheets

## LESSON 4

Using CSS to Affect Page Layout  
Introducing the CSS box model  
Creating simple floats  
Using floats for page layout  
Fixing column drop  
Clearing essentials  
Containing floats  
Displaying elements

## LESSON 5

Setting Foreground and Background Properties  
Adding foreground colors  
Adding color background elements  
Adding background images  
Repeating background images  
Positioning background images  
Using background shorthand declaration

## LESSON 6

Setting Typography  
Altering line height  
Using font families  
Changing font styles and weights  
Sizing fonts  
Writing font shorthand declarations  
Aligning text horizontally  
Aligning text vertically  
Transforming text  
Decorating text

## LESSON 7

Using Margins and Borders to Create Whitespace and Separation  
Understanding margins  
Adding borders  
Implementing padding  
Using negative margins  
Collapsing margins

## LESSON 8

Styling Tables  
Styling tables and captions  
Styling table cells  
Styling column classes  
Styling links in table cells

## LESSON 9

Styling for Print  
Styling for specific mediums  
Creating a print style sheet  
Hiding elements for print  
Styling for print  
Applying complex styling for print  
Creating a footer

## LESSON 10

Bringing it All Together  
Working with text fragments  
Setting Global Styles  
Defining Masthead and Navbar colors  
Laying out the Navbar  
Using columns  
Setting content styles  
Starting the sidebar  
Creating the sidebar boxes  
Completing the sidebar  
Styling the table  
Creating the footer