



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.

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