

Cascading Style Sheets (CSS)

- **Course Length:** 2 Days

Course Overview

In this instructor-led course students will learn how to add new cascading style sheet techniques into their HTML. This course will focus on aspects of cascading style sheets including embedding style sheets, applying color, comments, text and font styles, class and ID styles, margins, padding, and much more. After taking this course, the student will have a comprehensive understanding of why and how CSS implements styles in a web page.

Prerequisites

Students should already be familiar with HTML before taking this course.

Certification Exam

There is no certification exam associate with this course.

Course Outline

Course Introduction

Course Introduction

4 min

Chapter 01 - Controlling Color and Typography

Controlling Color and Typography

What is CSS?

Benefits of CSS

Style Sheet Types

Style Sheet Rules

Embedded Style Sheets

The Style Element

Demo - Creating an Embedded Style Sheet and Adding Rules

Color Methods

Inheritance

1h 15m

Demo - Adding Color with Hexadecimal and RGB Values
CSS Comments
Demo - Commenting Code
Text Styles
CSS Text Properties
Units of Measurements
How to Modify Text Styles
Demo - Controlling the Alignment and Indentation of Text
Demo - Modifying the Text Spacing
Demo - Controlling Text Casing
Font Styles
How to Modify Font Styles
Demo - Specifying Fonts and Font Sizes
Demo - Controlling Font Weight and Style
Demo - Modifying Font Style
Linked Style Sheets
Demo - Creating a Linked Style Sheet
Chapter 01 - Review

Chapter 02 - Designing with Cascade

1h 18m

Designing with Cascade
Class Selectors
Demo - Applying Class Styles
ID Selectors
Demo - Styling with ID Selectors
Contextual Selectors (Descendant Selectors)
Demo - Creating Contextual Styles
Attribute Selectors
Demo - Attaching Styles to Elements
Cascading
Demo - Creating Modular Styles
Import Style Sheets
Demo - Importing Style Sheets
Inline Styles
Demo - Creating Inline Styles
Chapter 02 - Review

Chapter 03 - Designing Content Sections

50m

Designing Content Sections
Control Margins and Padding
The Box Model
Margin
Padding
Demo - Setting Margins
Modifying Element Padding
Create Borders
Borders
Demo - Creating Borders
Control Element Dimensions (Height & Width)
Demo - Controlling an Element's Width

Floating Elements
Demo - Arranging Elements with the Float Property
Content Overflow
Scrollable Content Sections
Demo - Creating a Scrollable Content
Chapter 03 - Review

Chapter 04 - Controlling Layout with Positioning

58m

Controlling Layout with Positioning
Positioning
Absolute Positioning
Demo - Positioning Content Sections
Fixed Layouts
Demo - Creating a Fixed Multi-Column Layout
Fluid Layouts
Demo - Creating a Fluid Layout
Relative Positioning
Demo - Arranging Elements with Relative Positioning
Layered Elements
Control the Display of Layered Elements
Demo - Controlling the Stacking Order of Elements
Fixed Positioning
Demo - Applying a Fixed Position
Chapter 04 - Review

Chapter 05 - Enhancing an Existing Design

1h 10m

Enhancing an Existing Design
Customize Cursors
Cursor Styles
Demo - Customizing Cursors
How to Choose the Appropriate Link Style
Demo - Customizing Styles for Link States
How the Enhance Form Design
Demo - Customizing Form Styles
Background Images
Demo - Applying a Background Image
Customize Lists
Demo - Styling Lists
Generated Content
Demo - Creating Generated Content
Chapter 05 - Review

Chapter 06 - Creating Alternate Style Sheets

23m

Creating Alternate Style Sheets
Create Accessible Style Sheets
Link Relationships
Demo - Creating and Enabling an Alternate Sheet
System Fonts and Colors
Demo - Applying System Styles to an Alternate Style Sheet
Print Style Sheets

Demo - Creating a Print Sheet
Chapter 06 - Review
Course Closure

Total Duration: 5h 58m