

142 – XHTML and Cascading Style Sheets

Duration: 2 days

CEUs: 1.2

HTML: What it Has Been, What It Is, and What It Is Supposed to Be

(X)HTML Structure

DOCTYPES: what are they?

Valid HTML and XHTML DOCTYPES

Exercise 1a: Beginning an HTML document

XHTML Tags

Validation

Exercise 1b: Structural XHTML Markup

Sectioning HTML Pages: <div> and

Exercise 2: Organizing an HTML Page with <div> and

CSS: Making HTML Look Presentable

CSS Syntax

Selector – Property - Value

Where Do CSS Rules Go?

More on Selectors

Exercise 3: Beginning a Style Sheet

The Cascade: Inheritance and Precedence

Precedence

Inheritance

Where Do CSS Rules Go? Embedded Style Sheets

@import

@media

Exercise 4: Inheritance, Precedence and Multimedia

More on Selectors

Descendant Nodes

Other Descendant Selectors

Pseudo-Element Selectors

Exercise 5: Using Descendant Selectors and Pseudo-Element Selectors

Classes And Ids

Classes

ID

When Should I Use Which Selector?

Exercise 6: Using Class and ID Selectors

Measurements in CSS

Text Properties

text-indent

text-align

text-decoration

letter-spacing

word-spacing

text-transform

whitespace

line-height

Font Properties

font-family

font-style

font-variant

font-weight

font-size

font

Exercise 7: Formatting Text

Colors and Backgrounds

Color

Background Images

Exercise 8: Working With Backgrounds and Colors

Design Tips Using Backgrounds and Images

Images versus Backgrounds

Image Replacement

Lists

list-style-type

list-style-position

list-style-image

list-style

Exercise 9: Working with Lists

The CSS Box Model

- width and height
- padding, padding-left, padding-right, padding-top, padding-bottom
- border properties
- margin, margin-top, margin-right, margin-bottom, margin-left
- overflow

Exercise 10: Using the CSS Box Model

Page Layout with CSS: float, position, display

- float
- clear
- Column layouts with float and clear
- positioning
- display

Exercise 11: Layout with CSS

Practical Application: Attractive Tabular Data

- Caption tag
- The th tag
- Border-collapse
- Additional table techniques

Exercise 12: Working With Tables

Practical Application: Page Layouts Using CSS

- Multi-column Layouts
- Sidebars
- Common Problems and Solutions

Practical Application: Navigation Using CSS

- Leveraging lists
- Tabbed Navigation
- Another way using floats
- Drop-Down Menus

Practical Application: Working with Forms

Exercise 13: Working with Advanced Forms

Advanced Topic: Complex Style Sheets and Specificity

Case Study

Property Reference

Color Values and Their Hex Triplet Equivalents

Web sites and Resources