



Intermediate HTML & CSS

School of Visual Concepts

Note: The topics listed here may vary depending on each individual instructor's lesson plan.

Objectives:

- 1) To give students familiar with HTML an in-depth understanding of CSS
- 2) Create a skill set in writing CSS markup
- 3) Give students resources to expand their knowledge and solve specific CSS problems after the conclusion of the class.

Prerequisites:

Completion of Intro to HTML-CSS or basic HTML and CSS proficiency

Who should take this class?:

This class is for those who intend to write their own code – or modify existing code – whether creating that code by hand or using a visual editor, such as Dreamweaver.

Topics:

Week 1

Review of CSS Basics

Creating an XHTML document
Adding semantic elements to the page
Validating the code and error correction
Authoring styles: inline, embedded, linked, imported
Conflict resolution in CSS

Week 2

Selectors and Layout

ID and Class selector essentials
Grouped and descendant selectors
Inheritance essentials
Box model essentials
Simple floating
Float containment

Week 3

Typography and Color

- Altering line height
- Font size, style and weight
- Using font families
- Justifying text, vertically aligning text
- Text transformation and effects
- Coloring text
- Coloring backgrounds
- Adding fixed and scrolling background images
- Relative vs. absolute vs. fixed positioning
- Using margins and borders

Week 4

Navigation, Data Tables, and Forms

- Creating navigation in CSS
- Building text-based and tabbed horizontal nav bars
- Creating table structure
- Adding borders, backgrounds, and special effects to tables
- Using columns
- Creating sidebar boxes and forms
- How to create accessible form markup
- Basic fieldset styling and layout
- Styling labels and buttons

Week 5

Putting It All Together

- Setting global styles
- Defining masthead and nav bar characteristics
- User-controlled settings for font sizes, colors, etc.
- Styling for print versions
- Styling for mobile devices
- Testing and error correction