



### HTML

**HTML** is a two-day course that teaches you how to create web documents using HTML, while preparing you for a smooth transition to XML-based XHTML—the future of web publishing. We focus on reliable and forward-thinking practices of webpage design, including the use of Cascading Style Sheets, a technology complementary to HTML that is changing the face of web authoring. The course files provide solutions that are easy to grasp and represent realistic applications.

**Target Student:** Students who want to know how to build webpages from scratch or who wish to enhance and streamline the HTML code in their WYSIWYG page editor (Dreamweaver, GoLive, Front Page, etc.).

**Prerequisites:** To ensure your success, you must have a basic understanding of your computer's operating system. For example, you should know how to launch an application, create and save files, and copy files from CDs and other media.

**Delivery Method:** Instructor-led, classroom-delivery learning model with structured hands-on activities.

**Benefits:** You will learn how to use efficient HTML coding practices to create webpages that work and will continue to work in the ever-changing world of web development. In this course, you will learn concepts and do tasks that foster the transition from HTML to the most recent XML-based web authoring language recommendation, XHTML, which has become the current standard. You also have the benefit of being introduced to the power and control of Cascading Style Sheets.

#### What's Next:

**Flash Rich Content Creation** Add animation and user interaction to your web site with graphics, text and sound effects.

**Cascading Style Sheets** Create web designs which allow for quicker development and centralized text and layout information for editing and updating ease.

**Dreamweaver Website Development** Build a web site that includes text, graphics, style sheets, tables, links, rollovers, navigation bars and forms.

#### Performance-Based Objectives

Upon successful completion of this course, you will be able to:

- Understand what HTML is, how it is used, and how it developed.
- Use a text editor to set up both global and content structures of an HTML document.
- Create links to locations within a site and out to other sites on the Internet.
- Efficiently format web page content by using both non-deprecated HTML tags and Cascading Style Sheets.
- Incorporate graphics into web pages as embedded images, links, and backgrounds.
- Generate unordered, ordered, and nested lists in HTML documents.
- Build and format tables for presenting data.
- Create well-formed code that conforms to the XHTML standard.
- Modify tables and create nested tables.
- Control the sizing, spacing, and alignment of images, and understand how image maps work.
- Create web forms with a variety of different controls.
- Modify form attributes to make forms more usable and navigable.
- Use style sheets (CSS) to design web documents.





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- The Basics
- Web Browsers
- What is HTML?
- HTML as a Markup Language
- What Does HTML Look Like?
- Nesting Tags

### HTML Structure

- Global Structure
- The <html>, <body>, <head>, and <title> Elements
- Creating an HTML Document
- Basic Content Structure
- Headings
- Paragraphs
- Horizontal Rules
- Divisions
- Line Breaks

### Links

- Local Links and Navigation Bars
- Remote Links
- E-mail Links
- Named Anchors (Bookmarks)

### Formatting

- Block-level Formatting
- Inline Formatting
- HTML Entities
- Using Colors
- Introduction to Cascading Style Sheets
- Embedded Styles
- Inline Styles

### Graphics

- Embedding Images in a Web Page
- The <alt> Attribute and Accessibility
- Graphic Formats (.gif, .jpg and .png)
- Using Graphics as Links
- Using Background Images

### Lists

- Creating Unordered (Bulleted) Lists
- Creating Ordered (Numbered) Lists
- Nesting Lists

### Tables

- Creating and Modifying Tables
- Table Coding Guidelines
- Working Around Browser Inconsistencies
- Formatting Tables
- Table Headers and Captions
- Spanning Rows and Columns

### The New HTML

- The Advent of XHTML
- Advanced Tables
- Adding Images and Links
- Adding Color to Tables
- Creating Nested Tables
- Using Tables for Page Layout

### Graphics and Image Maps

- Sizing, Spacing and Aligning Images
- Creating Image Maps

### Creating Forms

- Introduction to Forms
- Applying Other Input Types
- Setting Input Type Attributes
- Creating a Text Area Field
- Creating Select Lists

### Introduction to Cascading Style Sheets

- Introduction to CSS
- Working with Properties and Selectors
- Linked (External) Style Sheets