



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