

# HTML 4.01: Web Authoring, Level 2 (Second Edition)

## Course Content

### Lesson 1: Creating a Page Layout Using Tables

- Topic 1A: Create a Layout Table
- Topic 1B: Embed Images in Tables
- Topic 1C: Modify Table Spacing
- Topic 1D: Create an Image Quilt
- Topic 1E: Nest Tables

### Lesson 2: Creating Links

- Topic 2A: Create Email Links
- Topic 2B: Specify a Default File Path
- Topic 2C: Create Bookmark Links
- Topic 2D: Create Image Maps

### Lesson 3: Separating Structure and Presentation

- Topic 3A: Apply Logical Markup
- Topic 3B: Use Class Selectors to Apply Styles
- Topic 3C: Share Styles Across Documents with External Style Sheets
- Topic 3D: Format Elements with Inline Styles
- Topic 3E: Account for Cascade and Inheritance When Setting Styles

### Lesson 4: Creating Forms

- Topic 4A: Create a Basic Form
- Topic 4B: Radio Buttons and Checkboxes
- Topic 4C: Create Text Areas
- Topic 4D: Create Select Lists
- Topic 4E: Create Graphical Buttons

### Lesson 5: Adding Dynamic Content

- Topic 5A: Automatically Refresh Pages
- Topic 5B: Create an Image Rollover
- Topic 5C: Embed a Flash Movie
- Topic 5D: Embed a QuickTime Movie
- Topic 5E: Embed a Java Applet

## Course Specifications

Course number: 085552

Software: Windows 95, 98, NT, 2000, Me, or XP.

Course length: 1.0 day(s)

## Course Description

HTML 4.01: Web Authoring, Level 2 (Second Edition) is the second course in the HTML series. It will build on the concepts you learned in HTML 4.01: Web Authoring, Level 1 (Second Edition) and give you an opportunity to apply your new skills.

In this course, you will use HTML tables, which you learned how to create in Level 1, to lay out the contents of your Web pages. You will create new and different kinds of hypertext links, expanding on your existing understanding of links between Web pages. You will create forms and add dynamic and multimedia content to your pages in order to increase the interactivity and appeal of your Web pages. And, you will apply Cascading Style Sheets (CSS) formatting to elements in new ways and harness the true power of CSS by applying the same styles to multiple documents.

**Course Objective:** You will design Web pages by creating table-based layouts, navigation elements, and forms, and you will enhance pages by applying Cascading Styles Sheets formatting and adding dynamic content.

**Target Student:** Persons who already know how to create basic Web pages that want to increase the complexity of their layouts and navigation, create forms, and enhance their pages with basic CSS and dynamic content.

**Prerequisites:** To ensure your success, we recommend you first take the following Element K course or have equivalent knowledge:

- HTML 4.01: Web Authoring, Level 1 (Second Edition)

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

## Hardware Requirements

- A Pentium-based computer with a minimum processor speed of 266 MHz.
- At least 64 MB of RAM.
- A connection to the Internet.
- A monitor set to 800 x 600 pixel resolution and a minimum of 256 colors (16-bit color preferred).
- Keyboard and mouse or other pointing device.
  
- A PowerPC, G3, or G4 with a minimum processor speed of 266 MHz.
- At least 64 MB of RAM.
- A connection to the Internet.
- A monitor set to 800 x 600 pixel resolution and a minimum of 256 colors (16-bit color preferred).
- Keyboard and mouse or other pointing device.

## Platform Requirements

### Software Requirements

- Windows 95, 98, NT, 2000, Me, or XP.
  - The latest version of one or more browsers (Internet Explorer 6.x or Netscape 6.2 or newer is recommended).
  - The Flash plug-in, installed and configured to work with your browser.
  - The QuickTime plug-in, installed and configured to work with your browser.
  - The Java Virtual Machine.
  - (Optional, though recommended) An HTML editor program, such as Macromedia HomeSite.
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- Mac OS 8.6, 8.6.1, 9.x, or X.
  - Microsoft Internet Explorer 5.1.
  - Netscape 6.2.
  - The Flash plug-in, installed and configured to work with your browser.
  - The QuickTime plug-in, installed and configured to work with your browser.
  - The Java Virtual Machine.
  - (Optional, though recommended) An HTML editor program, such as BBEdit.

### Performance-Based Objectives

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

- position content on a Web page by using tables.
- create links used to navigate and communicate.
- separate the stylistic elements of a Web page from its structure and apply Cascading Style Sheets (CSS) formatting to those elements.
- create Web forms.
- add dynamic content to a Web page.