

HTML v4 Level 2

Audience	This course is intended for the person who has basic HTML scripting experience and wants to learn about the more technical aspects of using HTML to create web pages. Prior experience with a graphical user interface such as Windows is also required.
Description	<p>The course uses a combination of lecture, hands-on practice, and independent exercises to teach students some of the more technical aspects of using HTML to create web pages. In the first day, students learn several new topics including design techniques, customizable tables, and forms.</p> <p>In the second day, students learn XHTML authoring & design techniques that build on prior HTML and CSS experience. This part of the course provides the skills and knowledge necessary to develop more standards-compliant web sites for greater efficiency, accessibility, and forward-compatibility.</p>
Objectives	<p>Upon successful completion of the class, students should be able to:</p> <ul style="list-style-type: none">■ Control page and element margins, widths and spacing■ Customize and design forms and add accessibility features■ Create framed Web pages and insert inline frames■ Identify the variants of HTML and XHTML, and how to validate an HTML document■ Recognize a well-structured document■ Use efficiency techniques and box and text styles■ Implement images, links, and Flash■ Work with data table design and structure and scrollable tables
Length	2 days

I. Design techniques

- A. Page margins
- B. IDs
- C. Classes
- D. Element width
- E. Element spacing

II. Table formatting

- A. Spanning rows and columns
- B. Table background color
- C. Nested tables

- D. Accessible tables

III. Forms

- A. Introduction to forms
- B. Form layout
- C. Form options and attributes

IV. Customized forms

- A. Fieldsets
- B. Form styles
- C. Accessible forms



V. Frames

- A. Introduction to frames
- B. Frame links
- C. Inline frames

VI. HTML variants and validation

- A. HTML variants
- B. XHTML authoring

VII. XHTML overview

- A. Introduction to XHTML
- B. XHTML DTDs
- C. Converting HTML to XHTML

VIII. Structured and descriptive markup

- A. Well-structured documents
- B. Customized structures
- C. Classes

IX. Markup and style techniques

- A. Techniques that promote efficiency
- B. Box styles
- C. Text styles and techniques

X. Images, links, and Flash

- A. Image techniques
- B. Link techniques
- C. Flash in XHTML documents

XI. Advanced tables

- A. Data table design and structure
- B. Scrollable tables