

## HTML 4.0: Level 2, Second Edition

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**Version:** 1

**Course Length:** 1 day (6+ hours)

**Prerequisites:** None

**What's in HTML 4.0: Level 2, Second Edition:**

This ILT Series manual on HTML 4.0 is designed for students with limited HTML experience who want to learn some of the more advanced HTML elements and techniques. Students will learn several new topics including customizable tables and forms. The manual is designed for quick scanning in the classroom and filled with interactive exercises that help ensure student success.

### Objectives

- 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

### Topic-Level Outline

#### Unit 1 : Design techniques

*Topic A: \* Page margins*

A-1: Removing default page margins

*Topic B: \* IDs*

B-1: Applying ID styles

B-2: Defining a content section

*Topic C: \* Classes*

C-1: Applying a class style

*Topic D: \* Element width*

D-1: Controlling element width

*Topic E: \* Element spacing*

E-1: Controlling the spacing inside and between elements

#### Unit 2 : Table formatting

*Topic A: \* Spanning rows and columns*

A-1: Spanning a row

A-2: Spanning a column

*Topic B: \* Table background color*

B-1: Applying background color to table cells

B-2: Applying table background color with CSS

*Topic C: \* Nested tables*

C-1: Creating a nested table

*Topic D: \* Accessible tables*

D-1: Creating a table caption and summary

D-2: Establishing relationships

#### Unit 3 : Forms

*Topic A: \* Introduction to forms*

A-1: Exploring Web forms

A-2: Creating a form with text input fields

A-3: Creating radio buttons and checkboxes

A-4: Creating a password field

*Topic B: \* Form layout*

B-1: Aligning form fields in a table

*Topic C: \* Form options and attributes*

C-1: Creating a select list

C-2: Creating a text area field

C-3: Setting input field width

C-4: Setting the maximum number of characters

#### Unit 4 : Customized forms

*Topic A: \* Fieldsets*

A-1: Creating and modifying fieldsets

*Topic B: \* Form styles*

B-1: Adding color to input fields

B-2: Customizing fieldset borders and legends

*Topic C: \* Accessible forms*

C-1: Controlling the tabbing order of input fields

C-2: Labeling input fields

#### Unit 5 : Frames

*Topic A: \* Introduction to frames*

A-1: Creating a frameset

A-2: Formatting frames

*Topic B: \* Frame links*

B-1: Linking in frames

*Topic C: \* Inline frames*

C-1: Creating and sizing an inline frame

C-2: Linking to an inline frame

#### Unit 6 : HTML variants and validation

*Topic A: \* HTML variants*

A-1: Validating an HTML document

*Topic B: \* XHTML authoring*

B-1: Discussing XHTML