



HTML Programming Level 1

Course HTML5-01 2 Days Instructor-led, Hands on

Introduction

In this course, students will learn how use HTML elements and attributes to structure Web content. They will learn how to create semantically meaningful page structures and use CSS to control design and layout properties. Students will also learn how to work with lists and tables, create and format links, and work with images and background images.

At Course Completion

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

- Create a simple Web page.
- Add structure to content.
- Use CSS to control design and layout properties
- Work with lists and tables
- Create and format links
- Work with images and background images

Prerequisites

To ensure your success, we recommend you have: experience with your computer's operating system, the mouse and use of the Internet.

Course Outline

Module 1: Getting Started with HTML5 and Web Pages

- Internet basics
- Introducing HTML5
- Explore web browsers
- Explore HTML editors
- Understanding HTML5 syntax
- New features in HTML5
- View HTML5 code in a browser

Module 2: Creating Your First HTML5 Web Page

- Understanding HTML5 document structure
- Start an HTML5 document

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- Save an HTML5 document
- View an HTML5 page
- Add metadata

Module 3: Adding and Modifying Text

- Create a new paragraph
- Add a line break
- Add a line break opportunity
- Add a horizontal rule
- Insert a blank space
- Text bold
- Italicize text
- Insert preformatted text
- Insert a heading
- Add a block quote
- Add small print
- Insert a comment
- Create a numbered list
- Create a bulleted list
- Create a nested list
- Create a definition list
- Define an abbreviation
- Add a date and time
- Insert special characters
- Special characters

Module 4: Adding CSS Styles

- Understanding style sheets
- Create an internal style sheet
- Create an external style sheet
- Link to a style sheet
- Apply a style locally
- Apply a style to a tag
- Apply a styles using a class
- Apply a style using an ID
- Link to mediate-specific style sheets
- Link to style sheets for iPads, iPhones and Android phones
- Define styles for nested tags

Module 5: Styling Text

- Change the font size
- Indent text
- Change the color of text
- Change the font
- Change text alignment
- Change the text case
- Control line spacing

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- Control letter spacing
- Add background colors
- Style a bulleted list

Module 6: Adding Images

- Understanding Web page images
- Insert an image
- Specify an image size
- Add alternative text
- Create an image label
- Add an image as a figure
- Align an image horizontally
- Align an image vertically
- Center an image
- Stop text wrap
- Add space around an image
- Add a background image
- Add a meter image

Module 7: Adding Links

- Understanding links
- Understanding URLs
- Link to another page
- Open a new windows with a link
- Link to an area on the same page
- Link to another file type
- Link to an email address
- Change link colors
- Change link hover effects
- Define link relationships