

HTML & CSS PROFESSIONAL DEVELOPER COURSE SCHEDULE

Week 1: HTML Structure

Monday

- Introduction to HTML
 - Overview of HTML and its importance
 - Role of HTML in web pages

Tuesday

- Basic Structure of an HTML Document
 - Anatomy of an HTML document (doctype, html, head, body)
 - Importance of semantic HTML

Wednesday

- Essential HTML Tags
 - Common tags: headings, paragraphs, lists
 - Organizing content with structural tags (header, footer, section, article)

Thursday

- Hyperlinks and Images
 - Creating hyperlinks with <a> tags
 - Embedding images with tags
 - Best practices for alt attributes

Friday

- Hands-On Project
 - Create a simple webpage using the concepts learned in Week 1
 - Review and feedback session

Week 2: CSS Basics

Monday

- Introduction to CSS
 - What is CSS and its role
 - How CSS works with HTML

Tuesday

**Students will receive a certificate of completion upon successful completion of this course.*



- Basic CSS Styling
 - Applying styles to HTML elements
 - Understanding selectors, properties, and values

Wednesday

- Classes and IDs
 - Using classes for multiple elements
 - Using IDs for unique elements
 - Specificity and inheritance

Thursday

- Colors, Fonts, and Text Alignment
 - Implementing colors (HEX, RGB)
 - Setting fonts and font properties
 - Text alignment techniques

Friday

- Hands-On Project
 - Style the webpage created in Week 1 using CSS
 - Review and feedback session

Week 3: Layout Techniques and Responsive Design

Monday

- Understanding the Box Model
 - Explanation of content, padding, border, margin
 - Visualizing the box model

Tuesday

- Flexbox Layout
 - Introduction to Flexbox and its properties
 - Creating flexible layouts

Wednesday

- CSS Grid Layout

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- Understanding CSS Grid and its advantages
- Building complex layouts

Thursday

- Introduction to Responsive Design
 - Importance of responsive design
 - Overview of different screen sizes

Friday

- Media Queries and Fluid Layouts
 - How to use media queries
 - Designing fluid layouts with percentages and relative units
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Week 4: HTML Forms and Advanced CSS

Monday

- Creating HTML Forms
 - Structure of a basic form
 - Input elements: text fields, checkboxes, radio buttons, dropdowns

Tuesday

- Styling Forms
 - Applying CSS styles to form elements
 - Best practices for user-friendly form design

Wednesday

- Form Validation Techniques
 - Client-side validation with HTML attributes
 - Introduction to JavaScript validation

Thursday

- CSS Animations and Transitions
 - Understanding animations and transitions
 - Creating simple animations with keyframes

Friday

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- CSS Preprocessors and Variables
 - Introduction to SASS and its advantages
 - Using CSS custom properties (variables) for theming
 - Final project presentation and course wrap-up
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This schedule provides a balanced progression through HTML and CSS topics over four weeks, with hands-on projects and feedback to reinforce learning.

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