

HTML Course Syllabus: From Basics to Advanced with Real Projects

1. Introduction to HTML & Setting Up the Environment

- *Overview of HTML and its role in web development.*
- *Setting up your coding environment with VS Code.*
- *Basic HTML structure: DOCTYPE, HTML, head, and body tags.*
- [Watch Video](#)

2. Understanding HTML Tags & Elements

- *Explanation of tags and elements.*
- *Creating paragraphs `<p>`, headings `<h1>` to `<h6>`, and using the `<div>` tag.*
- *Differences between inline and block elements.*
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3. Working with Text and Formatting

- *Formatting text with ``, `<i>`, ``, and `` tags.*
- *Adding line breaks and horizontal rules.*
- *Using comments and introducing semantic HTML.*
- [Watch Video](#)

4. Links and Images in HTML

- *Creating hyperlinks with the `<a>` tag.*
- *Adding images using the `` tag.*
- *Linking to external websites and internal pages.*
- [Watch Video](#)

5. Lists in HTML

- *Creating ordered `` and unordered `` lists.*
- *Understanding and implementing nested lists.*
- [Watch Video](#)

6. Working with Tables

- *Setting up table rows, columns, and headers.*
- *Merging cells using `colspan` and `rowspan` for complex table layouts.*
- [Watch Video](#)

7. Nested Tables for Complex Data Structures

- *Creating nested tables to organize complex information.*
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8. Forms in HTML: Creating User Input

- *Basic structure of HTML forms.*
- *Working with input types like `<input>`, `<textarea>`, and `<select>`.*
- *Implementing radio buttons, checkboxes, and submit buttons.*
- [Watch Video](#)

9. Form Validation and Accessibility

- *Setting up required fields and different validation types.*
- *Using placeholders, labels, and fieldsets for better accessibility.*
- [Watch Video](#)

10. Marquee Tag in HTML

- *Exploring attributes like behavior, direction, scroll amount, and background color.*
- [Watch Video](#)

11. Adding Multimedia in HTML

- *Embedding audio with `<audio>` and video with `<video>` tags.*
- [Watch Video](#)

12. The Iframe Tag for Embedding Content

- *Embedding external content using the `<iframe>` tag.*
- *How to embed YouTube videos and Google Maps.*
- [Watch Video](#)

13. Project 1: Creating a Time-Table Using HTML

- *Build a time-table layout using HTML table structures.*
- [Watch Video](#)

14. Project 2: Creating a Registration Form

- *Learn how to build a registration form with text fields, radio buttons, and checkboxes.*
- [Watch Video](#)

15. Project 3: Building a Contact Us Page

- *Create a contact form with fields for name, email, and message. Integrate submit functionality.*
- [Watch Video](#)

"Congratulations on completing the HTML course! Now, let's dive into the CSS course to learn how to style and enhance your web pages."