

HTML & CSS Course Details

◆ Course Overview

This HTML & CSS course is designed for beginners who want to learn how to build beautiful, responsive, and modern websites.

You will learn the complete fundamentals of web design, web layout, and styling techniques used in real-world websites.

◆ What You Will Learn

1. Introduction to Web Development

- How websites work
 - Client vs Server
 - What is HTML?
 - What is CSS?
 - How browsers render websites
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2. HTML Basics

- HTML structure
 - Tags, elements, and attributes
 - Headings, paragraphs, lists
 - Links, images, tables
 - Forms and input types
 - Semantic HTML (header, footer, nav, section, article)
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3. CSS Basics

- Types of CSS (Inline, Internal, External)
- CSS selectors
- Colors, backgrounds, borders
- Box Model (margin, padding, width, height)

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- Fonts and text styling
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4. CSS Layout Techniques

- Flexbox
 - Grid layout
 - Positioning
 - Display types
 - Alignment & spacing
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5. Responsive Web Design

- Media queries
 - Mobile-first design
 - Responsive images
 - Viewport and scaling
 - Breakpoints
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6. Modern Styling Techniques

- CSS Variables
 - Transitions & animations
 - Pseudo-classes & pseudo-elements
 - Shadows, gradients, overlays
 - Custom fonts (Google Fonts)
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7. Real-World Web Design

- Creating navigation bars
- Hero section design

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- Card layouts
 - Footer design
 - Form styling
 - Using icons (FontAwesome)
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◆ Tools You Will Use

- VS Code
 - Live Server extension
 - Chrome Developer Tools
 - Git & GitHub (optional)
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◆ Projects You Will Build

- Personal portfolio website
 - Responsive landing page
 - Product card UI
 - Login/Signup form
 - Website homepage layout
 - Multi-section website (final project)
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◆ Course Duration

- **3 to 4 weeks** (with practice)
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◆ Who Can Join

- Complete beginners
- Students
- Anyone who wants to start web development