

Web Design Mastery Course

Learn HTML, CSS, and Modern Web UI

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Module 1: Introduction to Web Design

What is Web Design?

How the Web Works (Domain, Hosting, Browser, Server)

Basic Tools You'll Need:

- VS Code
- Chrome (with DevTools)
- Live Server Extension
- Figma (for UI Design Mockups)

Module 2: Learn HTML (Structure of Websites)

Day 1-2: Basic Tags

- What is HTML?
- HTML Boilerplate
- Headings, Paragraphs, Links, Images, Lists
- Tables & Forms

Day 3: HTML Structure

- Div, Span, Semantic Tags (header, nav, main, section, article, aside, footer)

Day 4: Forms & Inputs

- Text, Password, Email, Radio, Checkbox, Submit, Select, Textarea
- Labels and Fieldsets

Project: Simple Contact Us Form

Module 3: Learn CSS (Design & Styling)

Day 5-6: Basics of CSS

- Inline, Internal, External CSS

- CSS Syntax (Selectors, Properties, Values)
- Colors, Backgrounds, Borders, Margins, Padding
- Fonts & Text Styling

Day 7: CSS Box Model

- Margin, Border, Padding, Content
- Width, Height, Max-Width, Min-Width

Day 8: CSS Positioning

- Static, Relative, Absolute, Fixed, Sticky
- Z-index

Day 9: Display & Flexbox

- Display: Block, Inline, Inline-Block, None
- Flexbox: justify-content, align-items, flex-direction, flex-wrap

Day 10: CSS Grid

- grid-template-columns/rows
- gap, justify-items, align-items
- grid-area

Project: Responsive Card Layout

Module 4: Modern Web UI Design

Day 11: Modern CSS Properties

- Box Shadows
- Border Radius
- Hover & Active States
- Transitions & Animations

Day 12: CSS Variables

- Defining and using variables
- Theming a website

Day 13: Responsive Design

- Media Queries
- Mobile-First Approach
- Breakpoints

Day 14: Layout Mastery

- Full-page Hero Sections
- Navigation Bars (Sticky, Transparent)
- Image Overlays & Cards

Project: Modern Landing Page (Using Figma Design)

Module 5: Web Design Best Practices

Day 15: Web UI/UX Principles

- Spacing & Alignment
- Typography Choices
- Color Theory
- Button & Link Design

Day 16: Figma to HTML Conversion

- Exporting Assets
- Typography & Color Picking
- Pixel Perfect Conversion

Project: Figma UI Clone Project

Module 6: Advanced Web Design Features

Day 17: CSS Animations & Effects

- Keyframes
- Animation Properties
- Hover & Scroll Animations

Day 18: Using CSS Frameworks (Optional)

- Bootstrap / Tailwind CSS Overview
- When & Why to Use Frameworks

Project: Responsive Portfolio Website

Module 7: Project Week

Day 19-20: Build a Complete Modern Website

- Home, Services, About, Contact Pages
- Responsive Navigation Bar

- Animations & Smooth Scroll
- Contact Form (with email link or PHP handling if desired)

Bonus: Hosting Your Website

How to Buy a Domain & Hosting

Free Hosting with Netlify / GitHub Pages

Uploading Files via cPanel or Netlify

Tools & Resources

VS Code Extensions:

- Live Server
- Prettier
- Auto Rename Tag
- Color Highlight
- Icons

Free UI Design Resources:

- Figma (<https://figma.com>)
- Coolers (<https://coolers.co>)
- Unsplash (<https://unsplash.com>)
- Fontawesome (<https://fontawesome.com>)

Final Challenge

Build a modern multipage portfolio website.

Design first on Figma, then convert to HTML, CSS.

Make it responsive and deploy it.

Course Outcome

Mastery of HTML5, CSS3

Ability to build modern, responsive, clean websites

Skill to convert Figma UI designs to code

Hands-on projects to showcase in your portfolio