

✓ Web Design Course Curriculum

A 12-week Web Design Course Curriculum tailored for beginners to intermediate learners, covering **HTML, CSS, Bootstrap, Canva Basics, Code Generation using AI tools (like ChatGPT/Copilot), Domain & Hosting**

📅 Week 1: Introduction to Web Design & HTML Basics

- Introduction to Web Design & Front-End Development
 - Role of HTML, CSS, and Bootstrap
 - Structure of an HTML Document
 - Tags, Elements, and Attributes
 - Headings, Paragraphs, Lists, Line Breaks
 - Hands-on Practice: Create a simple biography page
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📅 Week 2: HTML — Forms, Tables, Media & Semantic Elements

- HTML Tables and Forms
 - Input Types and Form Elements
 - Embedding Images, Videos, and Audio
 - Semantic HTML5 Tags (**header**, **footer**, **nav**, **article**, etc.)
 - Hands-on Practice: Contact Form and a Product Table
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📅 Week 3: CSS Basics — Selectors, Colors, Fonts

- Introduction to CSS: Inline, Internal, and External
 - Selectors and Properties
 - Colors (HEX, RGB), Fonts, and Text Styling
 - CSS Box Model
 - Hands-on Practice: Style the bio page from Week 1
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📅 Week 4: CSS Layouts — Margin, Padding, Borders, Positioning

- Spacing and Sizing (margin, padding, border)
 - Units (px, %, em, rem)
 - CSS Display & Position Properties
 - Responsive Design Concepts
 - Hands-on Practice: Create a multi-section landing page layout
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📅 Week 5: Advanced CSS — Flexbox & Media Queries

- Flexbox: Main Axis, Cross Axis, Justify/Align
- Media Queries for Responsive Design
- Responsive Navbar using CSS
- Hands-on Practice: Create a 3-column responsive layout

Week 6: Introduction to Bootstrap Framework

- What is Bootstrap? Why use it?
- Bootstrap Grid System
- Containers, Rows, and Columns
- Buttons, Badges, Alerts
- Hands-on Practice: Convert Week 5 project to Bootstrap

Week 7: Bootstrap Components & Utilities

- Cards, Carousels, Navbar, Forms
- Modals, Collapse, Tooltips
- Bootstrap Utility Classes (spacing, text, display)
- Hands-on Practice: Build a portfolio layout using Bootstrap

Week 8: Introduction to Canva for Web Graphics

- Canva Interface & Features Overview
- Designing Web Banners, Logos, and Social Posts
- Exporting assets for Web Use (PNG, JPG, SVG)
- Hands-on Practice: Create banner and logo for Week 7 project

Week 9: AI Tools for Code Generation (ChatGPT, GitHub Copilot)

- Introduction to AI Code Assistants
- Prompting ChatGPT to generate HTML/CSS
- Real-time Code Assistance using GitHub Copilot
- Ethics and Accuracy of AI-Generated Code
- Hands-on Practice: Generate and modify a simple web page using AI tools

Week 10: Project Planning & Design

- Understanding Project Requirements
- Wireframing Tools (Canva/Draw.io)
- Asset Collection and Color Palette Planning
- Hands-on Activity: Design mockup for final project

Week 11: Domain & Hosting — Taking Your Site Live

- Introduction to Web Hosting and Domains
- Hosting on GitHub Pages / Netlify (free options)
- Buying a Domain (Namecheap/GoDaddy overview)
- Linking Domain to Hosting
- Hands-on: Host your project using GitHub Pages or Netlify



Week 12: Final Project & Review

- Final Project Submission (Multi-page website with hosted link)
 - Code Review and Suggestions
 - Presentation by Students
 - Recap & Certification
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Tools/Technologies Used

- **HTML5, CSS3**
- **Bootstrap 5**
- **VS Code as IDE**
- **Canva**
- **ChatGPT / GitHub Copilot**
- **GitHub Pages / Netlify**