



CreateMySite
SOLUTIONS

WEBSITE DESIGN & DEVELOPMENT – COURSE ROADMAP –

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This Website Design & Development course has been created by
CreateMySite Solution team

WEBSITE DESIGN & DEVELOPMENT – COURSE ROADMAP –

Course Duration 8 Weeks (Beginner → Intermediate)

Course Overview

This course provides a complete introduction to modern website design and development. Learners will understand how websites are structured, styled, and made interactive using industry-standard technologies. The course covers HTML, CSS, JavaScript, responsive design, layout systems, and professional development workflows.

Learning Outcomes

By the end of this course, learners will be able to:

- Build fully functional websites from scratch
- Structure content using semantic HTML
- Style pages using CSS and responsive design techniques
- Create interactive components using JavaScript
- Apply layout systems such as Flexbox and Grid
- Follow professional development workflows
- Prepare and publish a simple website project

Tools Required

- VS Code
- Google Chrome
- Figma (optional for design)

Weekly Syllabus Breakdown

Week 1 — Introduction to Web Development

- What websites are and how they work
- Front-end vs back-end
- Tools: VS Code, Chrome, extensions
- Folder structure basics
- Creating your first HTML file

Week 2 — HTML Foundations

- Tags, elements, attributes
- Headings, paragraphs, lists
- Images, links, tables
- Forms and inputs
- Semantic HTML best practices
- Mini-task: Build a simple multi-section page

Week 3 — CSS Foundations

- Selectors, classes, IDs
- Colours, fonts, spacing
- Box model explained
- Flexbox introduction
- Styling your Week 2 project

Week 4 — Responsive Design

- Mobile-first design
- Media queries
- Responsive navigation menus
- Grid systems
- Making your Week 3 project responsive

Week 5 — JavaScript Basics

- Variables, data types
- Functions

- DOM manipulation
- Events and interactions
- Simple interactive components (toggle menu, button actions)

Week 6 — Layout & Components

- Flexbox deep dive
- CSS Grid
- Reusable components
- Building a multi-section layout
- Mini-task: Create a responsive homepage layout

Week 7 — Professional Workflow

- File organisation
- Naming conventions
- Accessibility basics
- Performance optimisation
- Preparing assets for deployment

Week 8 — Final Project

Learners build a complete website including:

- Home page
- About page
- Contact page
- Responsive navigation
- Styled components
- Optional JavaScript interactions

This project can be used as a **portfolio starter**.

Lesson Content Summary

HTML Essentials

- Structure: `<html>` `<head>` `<body>`
- Semantic tags
- Forms and inputs

CSS Essentials

- Styling text
- Layout techniques
- Responsive rules

JavaScript Essentials

- Functions
- DOM basics
- Events

Responsive Design

- Media queries
- Mobile-first approach
- Flexible layouts