

HTML, CSS & JavaScript Web Development Course Overview

Target Audience

- Beginners who want to learn frontend development
 - Students with *basic HTML knowledge* who want to advance
 - Anyone who wants to build websites from scratch
 - Designers who want to understand frontend code
 - Entrepreneurs who want to build landing pages, portfolios, or UI for their systems
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Course Schedule and Format

- **Total Duration:** 6 Weeks
- **Breakdown:** 1 week fundamentals, 4 weeks HTML/CSS/JS, 1 final project week
- **Schedule:** 2 sessions per week
- **Session Length:** 1 hour and 30 minutes
- **Platform:** Google Meet
- **Course Management:** Google Classroom
- **Assignments:** Coding tasks after every session
- **Investment:** \$100

PS: Final week is dedicated entirely to project work + 1:1 meetings.

Weekly Breakdown

Week 1 — HTML Foundations (with quick refresh)

Session 1: Web Structure & HTML Essentials

- How the web works (quick intro)
- Refresh: elements, tags, attributes

- Semantic HTML (header, nav, main, section, footer)
- Creating a full page structure

Session 2: Forms, Media & Best Practices

- Inputs, labels, buttons
 - Adding images, videos, icons
 - Simple page layout using HTML only
 - Clean code structure + indentation rules
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Week 2 — CSS Fundamentals

Session 3: CSS Basics & Styling

- Selectors, classes, IDs
- Colors, fonts, spacing
- Box model (border, margin, padding)
- Hands-on: style your first webpage

Session 4: Layouts — Flexbox Essentials

- Display types
 - Flexbox container & items
 - Creating columns, navbars, card layouts
 - Mini project: build a responsive card section
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Week 3 — Responsive Design + Real Styling

Session 5: Responsive Web Design

- Mobile-first design
- Media queries
- Responsive images
- Practice: turn a layout into mobile-ready

Session 6: UI Styling + Components

- Buttons, forms, grids
- Using Google Fonts & icons

- How to design clean modern websites
 - Mini project: full home section design
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Week 4 — JavaScript Fundamentals

Session 7: JavaScript Basics

- What is JavaScript
- Variables, data types
- Operators
- Using console & debugging

Session 8: Functions & Events

- Functions & parameters
 - Event listeners (click, input, submit)
 - Practical: build a counter, toggle menu
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Week 5 — DOM, Interactivity & Final Project

Session 9: DOM Manipulation

- Selecting HTML elements
- Changing text, styles, classes
- Show/Hide elements
- Workshop: interactive UI components

Session 10: Build Your Complete Website

- Setup project structure
- HTML layout
- CSS design
- JavaScript for interactions
- Students pick their own project idea:
 - Portfolio
 - Landing page
 - Product page
 - Simple dashboard

Week 6 — Final Project Week

- No live sessions
- Students build their final project
- 1:1 mentoring meetings for guidance
- Final submission + feedback