

# Introduction to Web Development with HTML and CSS: Level I

## Suitable for: G7 - G10

**Prerequisite:** None

**Duration:** 34 Weeks

**Classes per Week:** 1 class (45 minutes each)

### Course Overview:

This introductory course teaches students the basics of web development using HTML and CSS. Students will learn how to structure and style web pages, including adding text, images, links, and creating lists. By the end of the course, students will be able to build and style simple, structured web pages with a strong foundation in HTML and CSS.

### Covered Topics

#### Unit 1: Introduction to HTML and Basic Structure

- Understanding programming and its application in web development
- Introduction to HTML tags and practicing their usage
- Creating headings and organizing content

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### Unit 2: Adding Images and Links

- Inserting images and understanding image tags
- Creating hyperlinks and navigating between pages
- Adding image links for enhanced interactivity

### Unit 3: Basic Projects and Lists

- Building small projects to apply HTML skills
- Organizing information using unordered, ordered, and description lists
- Developing projects to reinforce list structures

### Unit 4: Introduction to CSS and Styling Basics

- Understanding CSS and its role in web design
- Applying colors and fonts to text for styling
- Using divisions to organize and layout content effectively

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### Unit 5: Projects and Application

- Building a personal biography page
- Developing a themed project (e.g., “My Drinks” or “Apple” theme)
- Integrating HTML and CSS knowledge to create a polished web page

### Materials Needed:

- Access to a computer or tablet
- Internet connection
- Chrome browser

### Assessment

At the end of each lesson, learners will be assessed on their ability to structure content with HTML and style it using CSS. Assessments will focus on how effectively students use HTML tags, CSS properties, and design elements to create organized and visually appealing web pages.

### Certification

A certificate of completion will be awarded to students who successfully complete the course, demonstrating proficiency in basic web development with HTML and CSS.