Course Outline

For

Web Development

Course Outline: Web Development Using HTML & CSS at Code Ninja Pro Academy

Course Overview

This course introduces students to the fundamentals of web development using HTML and CSS. Through practical, hands-on projects, students will learn to create and style web pages, culminating in hosting their own websites on a real hosting service. By the end of the course, each student will have a personal website accessible on the internet.

Course Length: 12 Weeks

Key Learnings

- Understanding Web Technologies
- Basic to Advanced HTML
- Introduction to CSS and Styling Web Pages
- Web Hosting and Deployment
- Project-Based Learning and Web Development

Achievements

- Proficiency in HTML and CSS
- Improved Design and Analytical Skills
- Confidence in Web Development
- Ability to Create and Host Personal Websites
- Own Personal Website Live on the Internet

Module 1: Web Technologies

Description: Introduction to the basics of web technologies, understanding the internet, and differentiating between web pages, websites, and web browsers.

Lessons: 2

Topics: Introduction to Internet, Web Page vs Web Site vs Web Browser

Module 2: Basic HTML

Description: Learning the foundational elements of HTML and creating simple web pages.

Lessons: 4

Sample Projects: Introduction to HTML, HTML Headings, HTML Paragraphs, My First Web Page

Certificate: Unlock Certificate of Basic HTML

Module 3: Intermediate HTML

Description: Delving deeper into HTML elements and attributes to build more complex web pages.

Lessons: 3

Sample Projects: HTML Elements, HTML Attributes, My Favourite Hobbies

Module 4: Advanced HTML

Description: Learning advanced HTML concepts such as tables and lists, and applying them in projects.

Lessons: 3

Sample Projects: HTML Tables & Lists, Student List Webpage, Animals Around the World Web Page

Certificate: Unlock Certificate of Advanced HTML

Module 5: Merging CSS with HTML

Description: Introduction to CSS, learning how to style HTML elements, and understanding the difference between inline and external CSS.

Lessons: 6

Sample Projects: Introduction to CSS, CSS Syntax, Inline vs External CSS, My Project List Web Page, Website for Photography Company, My Profile Website

Certificate: Unlock Certificate of CSS Fundamentals

Module 6: Web Hosting and Deployment

Description: Students will learn how to host their websites on a real hosting service, making their personal websites accessible on the internet.

Lessons: 2

Topics: Introduction to Web Hosting, Deploying Your Website

Certificate: Unlock Certificate of Web Hosting

Final Project and Presentation

Description: Students will design and create their own custom profile website, incorporating all the skills they have learned throughout the course. They will host their final project on a real hosting service and present their live website to the class, demonstrating their understanding and creativity.

Final Project: Design, Create, and Host Your Own Profile Website

Presentation: Presenting Your Live Website

Summary

This web development course using HTML and CSS at Code Ninja Pro Academy provides a comprehensive introduction to creating and styling web pages, as well as hosting them online. Students will progress from basic HTML to advanced HTML and CSS, culminating in a final project where they create and host their own profile website. Through practical, hands-on learning, students will gain a deep understanding of web development, confidence in their coding abilities, and the accomplishment of having their own website live on the internet.