5 WEEK COURSE OUTLINE FOR WEB DESIGN

Course Structure:

The course will be divided into five weekly modules, each with a mix of lectures, demonstrations, hands-on exercises, and quizzes.

Week 1: Introduction to Websites & Web Design

- What is the internet and how does it work?
- Different types of websites and their purposes
- Introduction to web design principles: usability, user experience (UX), and visual design
- Understanding the role of web designers and developers
- Exploring popular website builder platforms

Activities:

- Analyze popular websites and discuss their design strengths and weaknesses.
- Participate in a brainstorming session to identify website ideas for a personal project.

Week 2: Building Blocks of Websites - HTML

- Introduction to HTML (Hypertext Markup Language)
- Understanding the structure of an HTML document
- Basic HTML tags and their functions (headings, paragraphs, images, links)
- Creating a simple HTML webpage using a text editor or online tool
- Hands-on practice: Coding exercises to build basic webpage layouts

Activities:

- Code a simple webpage with a title, heading, paragraph, and image using HTML.
- Validate the created HTML code using online tools.

Week 3: Styling Websites with CSS

- Introduction to CSS (Cascading Style Sheets)
- Understanding selectors and how they target HTML elements
- Basic CSS properties for styling text, colors, backgrounds, and layouts
- Hands-on practice: Applying CSS styles to format a webpage

Activities:

- Style the HTML webpage created in week 2 using CSS.

- Experiment with different CSS properties to achieve various visual effects.

Week 4: User Interface (UI) Design and Website Responsiveness

- Importance of UI design in creating user-friendly websites
- Design principles for navigation, layout, and information hierarchy
- Introduction to responsive web design (RWD)
- Ensuring website functionality across different devices (desktop, mobile, tablet)

Activities:

- Sketch and plan the user interface for the course project website.
- Discuss techniques for optimizing website responsiveness using a mobile-first approach.

Week 5: Building a Website with a Website Builder Platform

- Introduction to a popular website builder platform (e.g., Wix, Squarespace)
- Exploring the platform interface and features
- Building a website using the chosen platform, incorporating HTML and CSS knowledge
- Publishing the website online

Activities:

- Design and build a basic website using the chosen website builder platform.
- Integrate functionalities like forms, images, and contact information.
- Launch the website and share it with the class for feedback.

Assessment:

- Weekly quizzes to test understanding of key concepts
- Hands-on coding exercises and assignments
- Course project: A completed basic website built using HTML, CSS, and a website builder platform

Resources:

- Course textbook or online resources on web design fundamentals
- Online tutorials and documentation for HTML, CSS, and the chosen website builder platform
- Free online tools for code validation and website building