

Course Syllabus

Module 1: HTML Basics

HTML serves as the universal markup language for crafting web pages. It allows for the construction of websites with ease.

Topics:

- HTML elements and tags
- HTML Attributes
- Forms
- Lists and tables
- Semantic HTML (header, footer, nav, etc.)
- HTML5 features and best practices

Module 2: CSS Styling

CSS stands as the cornerstone of web styling, enabling customized appearances for web pages.

Topics:

- Introduction to CSS
- Inline, internal, and external CSS
- CSS selectors and properties
- Text and fonts styling
- Backgrounds and colors
- Box model
- CSS Flexbox and Grid layout
- Responsive design and media queries
- CSS transitions and animations

Module 3: JavaScript Programming

JavaScript adds interactivity and functionality to websites, enhancing user experience.

Topics:

- Introduction to JavaScript
- Variables, data types, operators
- Conditional statements
- Loops
- Functions and scope
- Arrays and objects
- DOM manipulation
- Event handling
- AJAX and APIs

Module 4: Introduction to Figma

Figma, the interface design tool, is used for creating, prototyping, and collaborating on digital designs.

Topics:

- Basics of Figma
- Figma interface
- Working with frames, artboards
- Using shapes, text, images
- Tools and plugins

Module 5: Portfolio Website Project

Build a portfolio website with a form that sends data directly to your email. This includes necessary validations.