

# Complete Web Design: HTML, CSS, Bootstrap, Tailwind, JS, jQuery

Total Class: 37 Classes  
Duration: 2 Hours

Course Duration: 3 Months  
Total 3 Projects

## Level One

### Module One: HTML (5 Classes)

Class 01:

- Introduction to Web Design
- Evolution of web technology
- Hand sketch & Wireframing
- Wireframing tools
- Website Designing tools/software
- Environment Setup
- Creating file/Startup package

Class 02:

- HTML & Browser
- HTML Syntax.
- Head & Body Section.
- Basic tags.
- Commenting in HTML.

Class 03:

- List in HTML.
- What is table?
- Table Head and Body Content.
- Table row and column.
- HTML Elements & Attributes.

Class 04:

- Linking One Page To Another (Hyperlink)
- Different types of image in HTML.
- Iframe in HTML.
- Audio and Video controlling.
- Embedded video from YouTube.
- Gif animation embedded.

Class 05:

- Introduction to HTML form
- Form elements.
- Input types and attributes.
- Form arrangement and decoration.

### Module Two: CSS (10 Classes)

Class 06:

- Introduction to CSS (Cascading style sheet).
- Syntax of CSS
- How to link CSS (Inline/Internal/External)
- Important property of CSS.
- Layout concept in CSS

Class 07:

- Introduction to Selectors.
- Universal & element type selector.
- Id vs Class
- Descendant selector
- Child, Attribute, Pseudo selector
- Selectors grouping.

Class 08:

- Problem Solving Session
- Designing a Contact Form Using HTML & CSS

Class 09:

- Flexbox
- Styling text
- Fonts & Icon
- Creating Menu

Class 10:

- Position.
- Floats.
- Input box styling.
- Background image.
- Dropdown Menu

Class 11:

- Introduction to lovable CSS.
- Border and rounded corners.
- Gradient & shadow.
- Transition & transformation

Class 12:

- CSS After & Before
- Implementing lovable CSS
- Making Creative Sections

Class 13:

- Overview of Responsive Web Design (RWD)
- Working with viewport.
- Practicing Media Queries.
- RWD Frameworks.

Class 14:

- CSS Grid
- Key Frames

Class 15:

- Project One – Portfolio website design with HTML & CSS

## **Level Two**

### **Module Three: Bootstrap (2 Classes)**

Class 16:

- Introducing CSS Frameworks.
- How to install bootstrap.
- BS button.
- BS table.
- BS form.
- BS Image responsive.
- BS Card

Class 17:

- Great grid system.
- Understanding device screen size.
- BS Modal.
- BS Tabs.
- BS Carousel.
- BS Accordion.

### **Module Four: Tailwind CSS (3 Classes)**

Class 18:

- Tailwind intro & setup
- Color
- Margin, padding
- Height, width
- Background color
- Background image
- Font size, font style
- Letter, text

Class 19:

- Border, border radius, outline
- Ring
- Hover
- Focus
- Dark mode, light mode
- Z-index

Class 20:

- Display
- Justify item and content
- Aligning item and content
- Position
- Flex box, flex direction
- Row, column
- Responsive

## **Module Five: HTML Conversion (2 Classes)**

Class 21:

- Introduction to Figma Design Conversion
- Overview the processing of converting static designs into web pages.
- Understanding the Figma Design file structure and key design elements.
- Setting Up HTML Structure (div, sections, headers).
- Styling with CSS
- Handling Images and Icons
- Understanding Grid , Flex layout from Figma
- Advanced Styling Techniques (shadows, gradients, transitions).

Class 22:

- Project Two : Restaurant website design using tailwind from figma.

## **Level Three**

### **Module Six: JavaScript (3 Classes)**

Class 23:

- What can't you do with JavaScript?
- JS basic syntax.
- Variable in JS.

- Operator, Data type and Functions in JS.
- Commenting in JS.

Class 24:

- Array in JS.
- Loop
- Concept of Objects.
- JS Conditions (if, else, Switch).

Class 25:

- Making a live digital clock using JS
- Form Validation Technique

### **Module Seven: jQuery (4 Classes)**

Class 26:

- Introduction to jQuery.
- jQuery Selectors.
- jQuery methods

Class 27:

- Working with jQuery Methods (fade In, fade Out, add Class, remove Class, append, prepend, after, before, empty, remove, clone, resize, scroll, toggle, slide, parent, children, sibling, find, click, hover effect)

Class 28:

- Amazing effects.
- Creating Different types of Mobile Menu

Class 29:

- Scrolling
- jQuery Animation
- CSS Animation Effects
- Working with jQuery Plugins

## **Module Eight: Final Project (2 Classes)**

Class 30:

- Final Project – Travel Agency website part - 1

Class 31:

- Final Project – Travel Agency website part - 2