

## Front end developer course Syllabus

1. HTML<sub>5</sub>
2. CSS<sub>3</sub>
3. JavaScript

### HTML

- HTML – Elements
- HTML – Tags
- HTML – Text
- HTML – Formatting, Pre
- HTML – Attributes
- HTML – Font
- HTML – Text Links
- HTML – Comments
- HTML – Lists
- HTML – Images, Image Links
- HTML – Tables
- HTML – Bgcolor, Color Codes, Color Chart, Background

### Web Forms

- HTML – Forms
- HTML – Input
- HTML – Text Fields

### Hidden Fields

- HTML – Password
- HTML – Reset
- HTML – Submit
- HTML – Checkboxes, Radio, Select, Hidden Fields, Upload, Textarea

### Special Tags

- HTML – Body, Meta
- HTML – Style
- HTML – Div
- HTML – Layouts, Frames

### Formatting Tags

- HTML – Bold
- HTML – Paragraphs
- HTML – Headings
- HTML – Line Breaks

### HTML – Horizontal Rule

- HTML – Email
- HTML – Italic



## HTML<sub>5</sub> Syllabus

### Semantic Elements

- <article>
- <aside>
- <figcaption>, <figure>
- <footer>, <header>
- <mark>
- <nav>
- <progress>
- <section>
- <summary>
- <time>

### Form Elements

- `<datalist>`
- `<keygen>`
- `<output>`

### Form Input Types

- Color
- Date, Datetime, Datetime-local
- Email
- Month
- Number
- Range
- Search
- Tel
- Url
- Time
- Week

### Form Attributes

- autocomplete
- autofocus
- form, formaction, formenctype, formmethod, formnovalidate, formtarget
- height and width
- list
- min and max
- multiple
- pattern (regexp)

## CSS

- CSS Syntax
- CSS Selectors (ID, Class, Tags, Attributes)
- CSS Styling

### Styling Backgrounds

- Styling Text
- Styling Fonts
- Styling Links
- Styling Lists
- Styling Tables

### CSS Box Model

- CSS Border
- CSS Outline
- CSS Margin
- CSS Padding
- CSS Dimension
- CSS Display
- CSS Positioning
- CSS Floating
- CSS Navigation Bar
- CSS Image Gallery
- CSS Image Opacity
- CSS Align

## CSS3

- Borders
- border-radius
- Border Images
- Backgrounds
- Background Size
- background-origin

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- Text Effects
- text-shadow
- box-shadow
- Text
- text-overflow
- word-wrap
- word-break
- Fonts

### **Transforms**

- 2D Transforms
- 3D Transforms

### **Transitions**

- transition-delay
- transition-duration
- transition-property
- transition-timing-function



### **JavaScript**

- Cross-checking fields
- Displaying more informative errors
- Verifying radio button selections
- Setting one field with another field
- Verifying email addresses

### **Handling Events**

- Responding to window events
- Responding to mouse movements
- Responding to mouse clicks
- Responding to onBlur form events
- Responding to onFocus form events
- Responding to keyboard events

### **Working with Cookies**

- Demystifying cookies
- Writing a cookie
- Reading a cookie
- Displaying a cookie
- Counting with cookies
- Deleting cookies
- Handling multiple cookies
- Cookies in action

### **The DOM, Nodes, and Objects**

- Understanding the DOM
- Adding nodes to the DOM
- Deleting nodes from the DOM
- Deleting specific nodes
- Inserting nodes into the DOM
- Replacing nodes in the DOM

### **Working with Dates and Times**

- Displaying dates
- Displaying times
- Creating a countdown

### **Real-World Applications of JavaScript**

- Creating sliding menus
- Creating pop-up menus
- Creating slideshows with captions
- Creating a stylesheet switcher