



## WEBSITE DEVELOPMENT

**Course Name:** Website Development (Front End).

**Course Code:** WDFT

## COURSE DESCRIPTION

In this course, we will walk you through the basics of client-side web development by showing you the basics of how to build web pages with HTML, Cascading Style Sheets (CSS), JavaScript and jQuery.

A website can be defined as a collection of several webpages that are all related to each other and can be accessed by visiting a homepage, using a browser like Safari, Mozilla, Google Chrome or Opera. This tutorial will cover the concept of website development front end, from the simplest to the most advanced. It will help novice users to learn all about websites and how they are designed.

## COURSE OUTLINE

### HTML ( Hyper Text Markup Language).

HTML is the standard markup language for creating Web pages.

HTML describes the structure of a Web page

HTML consists of a series of elements that is defined by tags

HTML elements tell the browser how to display the content

**We will cover:**

SN	Topics
1	HTML Introduction
2	HTML Editors

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3	HTML Basic Structure
4	HTML Elements
5	HTML inputs
6	HTML Comments
7	HTML Color
8	HTML link
9	HTML image
10	HTML list
11	HTML table
12	HTML video
13	HTML Iframe
14	HTML video <video width="320" height="240" controls> <source src="movie.mp4" type="video/mp4"> Your browser does not support the video tag. </video>
15	HTML Audio <audio controls> <source src="horse.ogg" type="audio/ogg"> <source src="horse.mp3" type="audio/mpeg"> Your browser does not support the audio element. </audio>
16	HTML YouTube (Embed)
17	HTML Test



## CSS ( Cascading Style Sheets).

CSS is the language we use to style an HTML document.

CSS describes how HTML elements are to be displayed on screen.

CSS saves a lot of work. It can control the layout of multiple web pages all at once

External stylesheets are stored in CSS files.

This tutorial will teach you CSS from basic to advanced.

### What we will cover:

SN	Topics
1	CSS Introduction
2	CSS Syntax
3	CSS Selectors
4	CSS Comments
5	CSS Colors
6	CSS Backgrounds
7	CSS Borders
8	CSS Margins
9	CSS Padding
10	CSS Height/Width
11	CSS Box Model
12	CSS Outline
13	CSS Text
14	CSS Fonts
15	CSS Lists

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16	CSS Tables
17	CSS Display
18	CSS Max-width
19	CSS Position
20	CSS Overflow
21	CSS Float
22	CSS Inline-block
23	CSS Align
24	CSS Combinators
25	CSS Pseudo-class
26	CSS Pseudo-element
27	CSS Opacity
28	CSS Navigation Bar
29	CSS Dropdowns
30	CSS Image Gallery
31	CSS Attr Selectors
33	CSS Forms
34	CSS Counters
35	CSS Website Layout
36	CSS! important
37	CSS Rounded Corners
38	CSS Border Images



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39	CSS Backgrounds
40	CSS Colors
41	CSS Color Keywords
42	CSS Gradients
43	CSS Shadows
44	CSS Text Effects
45	CSS Web Fonts
46	CSS Transitions
47	CSS Animations
48	CSS Tooltips
49	CSS Style Images
50	CSS Image Reflection
51	CSS object-position
52	CSS Buttons

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# JAVASCRIPT

JavaScript is the world's most popular programming language.

JavaScript is the programming language of the Web.

JavaScript is easy to learn.

This tutorial will teach you JavaScript from basic to advanced.

## What we will cover:

SN	Topics
1	JS Introduction
2	JS Where To
3	JS Output
4	JS Statements
5	JS Syntax
6	JS Comments
7	JS Variables
8	JS Let
9	JS Const
10	JS Operators
12	JS Arithmetic
13	JS Assignment
14	JS Data Types

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15	JS Functions
16	JS Objects
17	JS Events
18	JS Strings
19	JS String Methods
20	JS String Search
21	JS String Templates
22	JS Numbers
23	JS Number Methods
24	JS Arrays
25	JS Array Methods
26	JS Array Sort
27	JS Array Iteration
28	JS Array Const
29	JS Dates
30	JS Date Formats
31	JS Date Get Methods
32	JS Date Set Methods
33	JS Math
34	JS Random
35	JS Booleans



36	JS Comparisons
37	JS Switch
38	JS Conditions
39	JS Loop For
40	JS Loop For In
41	
42	JS Loop For Of
43	JS Loop While
44	JS Break
45	JS Typeof
46	JS Type Conversion
47	JS Bitwise
48	JS RegExp
49	JS Errors
50	JS Scope
51	JS Hoisting
52	JS Strict Mode
53	JS this Keyword
51	JS Arrow Function
52	JS Classes
53	JS JSON
54	JS Debugging





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55	JS Style Guide
56	JS Best Practices JS Mistakes
57	JS Performance
58	JS Reserved Words



## JQUERY

jQuery is a JavaScript Library.

jQuery greatly simplifies JavaScript programming.

jQuery is easy to learn.

### What we will cover:

SN	Topics
1	JS Introduction
2	jQuery Get Started
3	jQuery Syntax
4	jQuery Selectors
5	jQuery Events
6	jQuery Effects
7	jQuery Hide/Show
8	jQuery Fade
9	jQuery Slide
10	jQuery Animate
11	jQuery Stop()
12	jQuery Callback
13	jQuery Chaining

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14	jQuery HTML
15	jQuery Get
16	jQuery Set
17	jQuery Add
18	jQuery Remove
19	jQuery CSS Classes
20	jQuery CSS ()
21	jQuery Dimensions
22	jQuery Traversing
23	jQuery Ancestors
24	jQuery Descendants
25	jQuery Siblings
26	jQuery Filtering
27	jQuery AJAX
28	jQuery AJAX Intro
29	jQuery Load
30	jQuery Get/Post

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