

# Web Design Course

Web design partially overlaps web engineering in the broader scope of web development. Web design encompasses many different skills and disciplines in the production and maintenance of websites. The different areas of web design include web graphic design; interface design; authoring, including standardised code and proprietary software; user experience design; and search engine optimization.

This web design Course pertains to front-end (client side) design of a website including writing mark up.

## **Section 1: Getting Started**

(2 Hours)

1. Course Introduction
2. Course software
3. What is a HTML and HTML 5?
4. Getting started with tags
5. How to save web pages
6. Viewing your web pages

## **Section 2: Basic HTML Tags**

(2 hours)

1. Basic HTML template
2. Heading Tags
3. Paragraph and Break tags
4. Bold and Italics
5. HTML lists

## **Section 3: Getting started with CSS**

(4 hours)

1. Introduction to CSS
2. CSS rules
3. Where to put your styles
4. Using CSS selectors
5. Inline and Embedded styles
6. CSS and Fonts
7. Font colours
8. Font sizes
9. Styling Fonts

## **Section 4: Dealing with Images**

(2 hours)

1. Types of Images
2. Inserting Images part 1
3. Inserting Images part 2
4. Image Attributes
5. Images and CSS
6. Text wrapping with CSS
7. CSS and image borders
8. Background Images
9. Adding captions to images

## **Section 5: Linking to other pages**

(2 hours)

1. Hyperlinks
2. Linking to other pages
3. Other types of hyperlinks
4. CSS and hyperlinks
5. External stylesheets
6. HTML lists and nav bars

## **Section 6: CSS Layouts**

(4 hours)

1. The Box Model
2. CSS Comments
3. CSS Positioning
4. CSS floats
5. A one column CSS layout
6. Styling the one column layout
7. Styling HTML 5 tags
8. A two column CSS layout

## **Section 7: HTML 4 and HTML 5 tables**

(4 hours)

1. HTML 4 Tables
2. Row and Col span
3. Table alignment, colour, images
4. HTML 5 Tables

## **Section 8: HTML forms**

(2 hours)

1. Form Tags
2. Textboxes, Submit, Reset
3. Formatting Textboxes with CSS
4. Labels, Textareas
5. Option buttons and Checkboxes
6. Passwords, hidden fields

## **Section 9: HTML5 and Forms**

(2 hours)

1. HTML 5 Forms
2. Placeholders, Required
3. Email, URL, Search
4. Spinners and Sliders
5. Dates, Colour pickers
6. Data Lists
7. HTML Form Layouts
8. HTML 5 Video and Audio
9. The HTML 5 Canvas tag
10. Details, Aside, Mark

## **Section 10: Getting your site on the internet**

(2 hours)

1. Websites and Domain Names
2. What to look for when buying Webspace
3. Search engine optimisation
4. Pay per click advertising
5. Sitemaps

## **Section 11: HTML and CSS Reference** (4 hours)

1. Basic HTML Tags
2. CSS Font and Text Properties
3. CSS Borders, Margins, Padding
4. CSS used in the Lists section
5. CSS used in the Positioning section
6. HTML images and hyperlinks
7. HTML5 Layout tags
8. HTML and HTML5 Table tags
9. HTML and HTML5 Form tags
10. HTML5 Video and Audio tags

**Section 12: Building CSS Website  
from PSD**

(6 hours)

**Session Objective :-**

**Responsive web design using  
HTML 5 & CSS3**

Course fee: Rs. 7200/-