

WEB DESIGNING LANGUAGE (CODING SYLLABUS)

Course Overview

A Web Designing course belongs to the field of Computer Science and IT. It enables students to learn various techniques, tools and programming languages in order to create and maintain web sites.

Duration: 03 Months

Job Prospects

After completing your web designing course, you can work in a web designing company or you can work as a freelancer.

Job Profiles

- Front end web developer
- Back end web developer
- Web Application Developer
- Senior web analyst
- Web marketing analyst
- Design & Layout analyst

Course Content

Introduction to Web Designing

- What is Web Designing
- Feature of Web Designing Tools

HTML

- What is Markup Language
- Basic Structure of HTML
- Difference Between HTML and XHTML
- Head Section and Elements of Head Section
- Meta Tags
- CSS Tags
- Script Tag
- Table Tag
- Div Tag
- Header Tags
- Paragraph, Span, Pre Tags
- Anchor Links and Named Anchors
- Image Tag
- Object Tag
- Iframe Tag
- Forms
- Form Tag
- Attributes of Form
- POST and GET Method
- Field set and Legend
- Text input, Text area
- Checkbox and Radio Button
- Dropdown, List and Opt group
- File Upload and Hidden Fields
- Submit, Image, Normal, Reset Button
- Creating a Live Website Form
- HTML Validators

CSS

- CSS 2.1
- Introduction to Cascading Style Sheets
- Types of CSS
- CSS Selectors
- Universal Selector
- ID Selector
- Tag Selector
- Class Selector
- Sub Selector
- Child Combinatory Selector
- Adjacent Sibling Selector
- Attribute Selector
- Group selector
- First-line and First-letter selector
- Before and After Selector
- CSS Properties
- Type Properties
- Background Properties
- Block Properties
- Box Properties
- List Properties
- Border Properties
- Positioning Properties
- Realtime Implementation
- Conversion of Table to CSS Layout
- CSS Menu Design (Horizontal, Vertical)
- Form Designing
- Custom Fonts
- Text-Shadow Property
- Text-Stroke Property
- Rounded Corners
- Box Shadows
- CSS Gradients
- CSS Multiple backgrounds
- Opacity Property
- Transition effect
- Transform effect
- Animation effects
- Css Media Queries

Java Script

- Introduction to Client Side Scripting
- Introduction to Java Script
- JavaScript Types
- Variables in JS
- Operators in JS

- Conditions Statements
- Java Script Loops
- JS Popup Boxes
- JS Events
- JS Arrays
- Working with Arrays
- JS Objects
- JS Functions
- Using Java Script in Real-time
- Validation of Forms
- Related Examples

JQuery

- jQuery and jQuery UI
- Introduction to jQuery
- jQuery Features
- Installing jQuery
- jQuery Syntax
- jQuery Ready Function
- jQuery Selectors
- jQuery Actions
- jQuery plugins
- jQuery Validation plugin
- jQuery Slideshow
- jQuery Dropdown
- jQuery UI
- Working with jQueryUI
- jQuery Accordions
- jQuery Tabs
- jQuery Tooltips
- jQuery Autocomplete

Bootstrap

- Introduction to Responsive Design
- Mobile first design concepts
- Common device dimensions
- View-port tag
- Using css media queries
- Menu conversion script
- Basic Custom Layout
- Introduction to Bootstrap
- Installation of Bootstrap
- Grid System
- Forms
- Buttons
- Icons Integration
- Using CSS3 in Practical Layout

Photoshop

Web Publishing