

HTML-CSS Course modules

HTML and CSS go hand in hand for developing flexible, attractive, and user-friendly websites. HTML (Hyper Text Markup Language) is used to show content on the page whereas CSS is used for presenting the page. HTML describes the structure of a website semantically along with presentation cues, making it a mark-up language, rather than a programming language. HTML allows images and objects to be embedded and can be used to create interactive forms.

Course Objectives

- Understand the HTML-CSS and technical concepts behind HTML-CSS.
- Structure a HTML-CSS application in modules
- Understand and use the HTML, CSS, JavaScript, JQuery
- Understand all the concepts HTML-CSS
- Understand the HTML-CSS
- Use built-in tags property

Module 1: - Web Programming Introduction

- ❖ Architecture of a website
- ❖ Different technologies in making the website
- ❖ Web Development Introduction

Module 2: - HTML-Introduction

- History of HTML
- What you need to do to get going and make your first HTML page
- What are HTML Tags and Attributes?
- HTML Tag vs. Element
- HTML Attributes

Module 3: -: HTML-Basic Formatting Tags

- ❖ HTML Basic Tags
- ❖ HTML Formatting Tags
- ❖ HTML Color Coding

Module 4: - HTML-Grouping Using Div Span

- ❖ Div and Span Tags for Grouping

Module 5: HTML-Lists

- ❖ Unordered Lists
- ❖ Ordered Lists
- ❖ Definition list

Module 6: HTML-Images

- ❖ Image and Image Mapping

Module 7: HTML-Hyperlink

- ❖ URL - Uniform Resource Locator
- ❖ URL Encoding

Module 8: HTML-Table

- ❖ < table >
- ❖ < th >
- ❖ < tr >
- ❖ < td >
- ❖ < caption >
- ❖ < thead >
- ❖ < tbody >
- ❖ < tfoot >
- ❖ < colgroup >
- ❖ < col >

Module 9: HTML-Iframe

- ❖ Using Iframe as the Target

Module 10: HTML-Form

- ❖ < input >
- ❖ < textarea >
- ❖ < button >
- ❖ < select >
- ❖ < label >

Module 11: HTML-Headers

- ❖ Title
- ❖ Base
- ❖ Link
- ❖ Styles
- ❖ Script
- ❖ Meta

Module 12: HTML-Miscellaneous

- ❖ HTML Meta Tag
- ❖ XHTML
- ❖ HTML Deprecated Tags & Attributes

CSS

Module 1: CSS2-Introduction

- ❖ Benefits of CSS
- ❖ CSS Versions History
- ❖ CSS Syntax
- ❖ External Style Sheet using < link >
- ❖ Multiple Style Sheets
- ❖ Value Lengths and Percentages

Module 2: CSS2-Syntax

- ❖ CSS Syntax
- ❖ single Style Sheets
- ❖ Multiple Style Sheets
- ❖ Value Lengths and Percentages

Module 3: CSS2-Selectors

- ❖ ID Selectors
- ❖ Class Selectors
- ❖ Grouping Selectors
- ❖ Universal Selector
- ❖ Descendant / Child Selectors
- ❖ Attribute Selectors
- ❖ CSS - Pseudo Classes

Module 4: CSS2-Color Background Cursor

- ❖ background-image
- ❖ background-repeat
- ❖ background-position
- ❖ CSS Cursor

Module 5: CSS2-Text Fonts

- ❖ color
- ❖ background-color
- ❖ text-decoration
- ❖ text-align
- ❖ vertical-align
- ❖ text-indent
- ❖ text-transform

- ❖ white space
- ❖ letter-spacing
- ❖ word-spacing
- ❖ line-height
- ❖ font-family
- ❖ font-size

- ❖ font-style
- ❖ font-variant
- ❖ font-weight

Module 6: CSS2-Lists Tables

- ❖ list-style-type
- ❖ list-style-position
- ❖ list-style-image
- ❖ list-style
- ❖ CSS Tables
 - ❖ border
 - ❖ width & height
 - ❖ text-align
 - ❖ vertical-align
 - ❖ padding
 - ❖ color

Module 7: CSS2-Box Model

- ❖ Borders & Outline
- ❖ Margin & Padding
- ❖ Height and width
- ❖ CSS Dimensions

Module 8: CSS2-Display Positioning

- ❖ CSS Visibility
- ❖ CSS Display
- ❖ CSS Scrollbars
- ❖ CSS Positioning
 - ❖ Static Positioning
 - ❖ Fixed Positioning
 - ❖ Relative Positioning
 - ❖ absolute Positioning

- ❖ CSS Layers with Z-Index

CSS Floats

- ❖ The float Property
- ❖ The clear Property
- ❖ The clear fix Hack

At the end of the course participants will be able to do some assignments and Mini Pr