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Web Design Course Outline with Freelancing Module

Course Duration: 6 Months

Class Frequency: 3 Days per Week

Class Time: 2 Hours per Session

Month 1: Introduction to Web Development & HTML Basics



Week 1

Class-1

HTML Introduction
What is HTML?
A Simple HTML Document
HTML Tags
Web Browsers
HTML Page Structure
The Declaration
HTML Versions
HTML Editors
Write Some HTML
Save the HTML Page

View the HTML Page in Your Browser

Class-2

HTML Documents
HTML Headings
HTML Paragraphs
HTML Links
HTML Buttons
HTML Lists
HTML Elements
HTML Attributes
The href Attribute
The src Attribute
The width and height Attributes
The alt Attribute
The style Attribute
The lang Attribute
The title Attribute
Use Lowercase Attributes
Quote Attribute Values

Class-3

HTML Headings
Bigger Headings

HTML Horizontal Rules
The HTML Element
View HTML Source Code
Inspect an HTML Element
HTML Paragraphs
HTML Line Breaks
The Poem Problem
HTML Styles
The HTML Style Attribute
HTML Background Color
HTML Text Color
HTML Fonts
HTML Text Size
HTML Text Alignment
HTML Formatting Elements
HTML Quotation and Citation Elements
HTML Comments
HTML Colors
Background Color
Text Color
Color Values

Week 2

Class-4

HTML Links
HTML Links - Syntax
Local Links
HTML Links - The target Attribute
HTML Links - Image as Link
HTML Images
HTML Images Syntax
Image Size - Width and Height
Images in Another Folder
Images on Another Server
Image as a Link
Image Floating
Background Image

Class-5

HTML Tables

Defining an HTML Table

HTML Table - Adding a Border

HTML Table - Collapsed Borders

HTML Table - Adding Cell Padding

HTML Table - Left-align Headings

HTML Table - Adding Border Spacing

HTML Table - Cells that Span Many Columns

HTML Table - Cells that Span Many Rows

HTML Table - Adding a Caption

HTML Lists

Unordered HTML List

Unordered HTML List - Choose List Item Marker

Ordered HTML List

Ordered HTML List - The Type Attribute

Numbers, Uppercase Letters, Lowercase Letters, Uppercase Roman Numbers

Lowercase Roman Numbers, Control List Counting

HTML Block and Inline Elements

Class-6

HTML Forms

The Method Attribute, When to Use GET

When to Use POST?

The Name Attribute

The -select- Element

The -textarea- Element

Input Type Text

Input Type Password

Input Type Submit

Week 3

Class-7

Input Type Radio

Input Type Checkbox

Input Type Color

Input Type Date
Input Type Datetime-local
Input Type Email
Input Type File
Input Type Month
Input Type Number
The HTML -video- Element
The HTML -audio- Element
HTML YouTube Videos

Class-8

Project & Exam

Class-9

CSS Introduction

What is CSS?
Why uses CSS?
CSS Syntax and Selectors
The class Selector
CSS Comments
Three Ways to Insert CSS
External Style Sheet
Internal Style Sheet
Inline Styles

Multiple Style Sheets

Week 4

Class-10

CSS Colors

Color Names
Background Color
Text Color
Border Color
Color Values

RGB Value

HEX Value

Class-11

CSS Backgrounds

Background-color

Background-image

Background-repeat

Background-attachment

Background-position

Class-12

CSS Borders

Border Style

Border Color

Border-Individual Sides

Left Border

Bottom Border

Rounded Borders

CSS Margins

Margin-Individual Sides

Margin-Shorthand Property

The auto Value

The inherit Value

Margin Collapse

Month 2: CSS Fundamentals and Responsive Design

Week 5

Class-13

CSS Padding

Padding-Individual Sides

Padding-Shorthand Property
Padding and Element Width
CSS Height and Width
Setting height and width
CSS Box Model
CSS Text
Text Color
Text Alignment
Text Decoration
Text Transformation
Text Indentation

Class-14

Letter Spacing

Line Height
Text Direction
Word Spacing
Text Shadow
CSS Fonts
Font Family
Font Style
Font Size
Set Font Size with Pixels
Set Font Size with Em
Font Weight
Responsive Font Size
CSS Icons
CSS Links
Styling Links

Text Decoration

Class-15

Background Color

CSS Lists
Unordered Lists
Ordered Lists
CSS Tables

Table Borders
Collapse Table Borders
Table Width and Height
Horizontal Alignment
Vertical Alignment
Table Padding
Horizontal Dividers
Hoverable Table
Striped Tables
Table Color

Responsive Table

Week 6

Class-16

CSS Layout

CSS position

CSS Overflow

CSS Navigation Bar

CSS Image Gallery

CSS Forms

CSS Shadow Effects

Class-17

-Project & Exam

Week 7

Class-18

JS HOME

JS Introduction

JS Where To

JS Output

JS Statements

JS Syntax

JS Comments

Class-19

JS Variables
JS Operators
JS Arithmetic
JS Assignment
JS Data Types

Class-20

JS Function

JavaScript Form Validation

Week 8

Class-21

BS HOME
BS Get Started
BS Grid Basic
BS Typography
BS Tables

BS Images

Class-22

BS Jumbotron
BS Wells
BS Alerts
BS Buttons
BS Button Groups
BS Glyphicons
BS Badges/Labels
BS Progress Bars
BS Pagination

Class-23

BS Pager

- BS List Groups
- BS Panels
- BS Dropdowns
- BS Collapse
- BS Tabs/Pills
- BS Navbar

Week 9

Class-24

- BS Forms
- BS Inputs
- BS Inputs 2
- BS Input Sizing
- BS Media Objects

Class-25

- BS Carousel
- BS Modal
- BS Tooltip
- BS Popover
- BS Scrollspy
- BS Affix
- BS Filters

Class-26

- Bootstrap Grids
- BS Grid System
- BS Stacked/Horizontal
- BS Grid Small
- BS Grid Medium
- BS Grid Large
- BS Grid Examples
- Bootstrap Themes

Week 9

Class-27

- BS Templates
- BS Theme "Simply Me"
- BS Theme "Company"
- BS Theme "Band"
- BS Examples
- CSS All Classes
- CSS Typography
- CSS Buttons

Class-28

- CSS Forms
- CSS Helpers
- CSS Images
- CSS Tables
- CSS Dropdowns

Class-29

- CSS Navs
- Glyphicons
- Bootstrap JS Ref
- JS Affix
- JS Alert
- JS Button

Week 10

Class-30

- JS Carousel
- JS Collapse
- JS Dropdown
- JS Modal
- JS Popover
- JS Scrollspy
- JS Tab
- JS Tooltip

Class-31

- Project & Exam