



many more

1 Course Curriculum

1. Introduction

- 1.1 What You'll Learn in this Course
- 1.2 Download Course Syllabus
- 1.3 Walkthru of Course Syllabus
- 1.4 Download Course Materials
- 1.5 Monster List of Useful Resources
- 1.6 How to Take This Course?
- 1.7 Support & Community

2. Setting up the Environment

- 2.1 What You'll Learn in this Course
- 2.2 Check your Software's
- 2.3 List of Famous Software's for Web Development

3. Web Basics

- 3.1 Objective: What you'll learn in this Section
- 3.2 Skip and Jump to HTML Basics
- 3.3 Challenge: Communication Gap
- 3.4 What is Protocol?
- 3.5 What is Internet?
- 3.6 What is TCP/IP Protocol?
- 3.7 What is DNS?
- 3.8 What is HTTP?
- 3.9 What is Client Server Technology?
- 3.10 How Website Works?
- 3.11 List of Web server
- 3.12 Types of Languages
- 3.13 Compiler vs Interpreter
- 3.14 What is Full Stack Developer?

- 3.15 Skills Required for Website Development
- 3.16 Career Path as Full Stack Developer
- 3.17 Things to Remember
- 3.18 Summary: What you have learned in this Section

4. Introduction to HTML5

- 4.1 Objective: What you'll learn in this Section
- 4.2 What is HTML?
- 4.3 Tag, Element and Attribute
- 4.4 Structure of HTML Page
- 4.5 My First HTML Page
- 4.6 Exercise: Write your First HTML Page
- 4.7 HTML Boilerplate
- 4.8 Header Tags
- 4.9 Exercise: Create Headings
- 4.10 Paragraphs and Comments
- 4.11 Exercise: Paragraphs and Comments
- 4.12 Horizontal Lines and Line Breaks
- 4.13 Exercise: Lines and Breaks
- 4.14 Strong, Emphasis, Underline and Italics
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- 4.16 Pre and Code Tags
- 4.17 Exercise: Pre and Code Tags
- 4.18 Definitions, Ordered and UnOrdered Lists
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- 4.21 Exercise: Link Tags
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- 4.23 Exercise: Sections and Article
- 4.24 Additional HTML Tags
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- 4.26 Exercise: Create a News Page
- 4.27 HTML Quiz
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5. Intermediate HTML5

- 5.1 Objective: What you'll learn in this Section
- 5.2 Creating Tables
- 5.3 Exercise: Product Listing
- 5.4 Embedding Contents
- 5.5 Exercise: Embedding Contents
- 5.6 Exercise - Music Download Website
- 5.7 Working with Forms
- 5.8 Exercise - Contact Form
- 5.9 Meta Tags
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- 5.14 Additional HTML Tags
- 5.15 List of all HTML Tags in Single Page
- 5.16 Further Reading about HTML
- 5.17 HTML Quiz
- 5.18 Things to Remember
- 5.19 Downloads: Things to Remember
- 5.20 Summary: What you have learned in this Section

6. Introduction to CSS3

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- 6.2 What is CSS3?
- 6.3 Inline CSS
- 6.4 Exercise: Inline CSS
- 6.5 CSS Comments
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- 6.11 Exercise: Linking CSS
- 6.12 How to Debug CSS Code
- 6.13 CSS Selectors
- 6.14 Universal Selector
- 6.15 Type Selector
- 6.16 Class Selector
- 6.17 ID Selector
- 6.18 ID vs Class Selector
- 6.19 Attribute Selector
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- 6.22 Adjacent Sibling Selector
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- 6.24 Pseudo Class and Elements
- 6.25 CSS Precedence Rules
- 6.26 Colors and Text
- 6.27 CSS Quiz
- 6.28 Things to Remember
- 6.29 Downloads: Things to Remember
- 6.30 Summary: What you have learned in this Section

7. Intermediate CSS3

- 7.1 Objective: What you'll learn in this Section
- 7.2 CSS Box
- 7.3 CSS Floating Columns
- 7.4 Positioning Elements
- 7.5 Display Inline or Block
- 7.6 Use Google Fonts in your Website
- 7.7 Moving Box to Center
- 7.8 Project: Website Layout
- 7.9 Further Reading about CSS
- 7.10 CSS Quiz
- 7.11 Things to Remember
- 7.12 Summary: What you have learned in this Section

8. HTML5 + CSS3 Projects

- 8.1 Simple HTML Page Layout
- 8.2 Your Personal Website
- 8.3 Product Landing Page
- 8.4 Survey Page
- 8.5 Google Home Page
- 8.6 Coming Soon Page
- 8.7 Try yourself - HTML Projects

9. Introduction to JavaScript

- 9.1 Objective: What you'll learn in this Section
- 9.2 Introduction to JavaScript
- 9.3 Internal JavaScript
- 9.4 Comments in JavaScript
- 9.5 External JavaScript
- 9.6 Inline JavaScript

- 9.7 Exercise with JavaScript
- 9.8 JavaScript Terminology
- 9.9 How to Debug JavaScript Code
- 9.10 Quiz: Introduction to JavaScript
- 9.11 Things to Remember
- 9.12 Summary: What you have learned in this Section

10. JavaScript Language Syntax

- 10.1 Objective: What you'll learn in this Section
- 10.2 Identifiers
- 10.3 Variables and Constants
- 10.4 Primitives
- 10.5 Keywords
- 10.6 Reserved Words
- 10.7 Assignments Operators
- 10.8 Comparison Operators
- 10.9 Arithmetic Operators
- 10.10 Logical Operators
- 10.11 String Operations
- 10.12 Quotes
- 10.13 Boolean
- 10.14 Arrays
- 10.15 Date and Time
- 10.16 If Statements
- 10.17 Switch Statements
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- 10.19 for Statements
- 10.20 JavaScript Language Syntax
- 10.21 Further Reading about JavaScript
- 10.22 Things to Remember
- 10.23 Summary: What you have learned in this Section

11. Intermediate JavaScript

- 11.1 Objective: What you'll learn in this Section
- 11.2 Write Functions
- 11.3 Dealing with Objects
- 11.4 Creating Events
- 11.5 Writing Trace Logs
- 11.6 Common Errors
- 11.7 Try Catch Block
- 11.8 DOM: Find an Element by ID
- 11.9 Access Form Elements
- 11.10 Intermediate JavaScript
- 11.11 Documentation Reference for JavaScript
- 11.12 Things to Remember
- 11.13 Summary: What you have learned in this Section

12. Projects with JavaScript

- 12.1 Access Browser URL
- 12.2 Form Validation
- 12.3 Guessing Number Game
- 12.4 Exercise: Calculator Toy

13. Website with Bootstrap

- 13.1 Objective: What you'll learn in this Section
- 13.2 What is Bootstrap?
- 13.3 How to use Bootstrap?
- 13.4 Project 1: Starter Website with Bootstrap
- 13.5 Project 2: Personal Portfolio Page

13.6 Summary: What you have learned in this Section

14. Complete PHP Basics

14.1 Objective: What you'll learn in this Section

14.2 Setting up the PHP Environment

14.3 Introduction to PHP

14.4 PHP Language Basics

14.5 Variable and Constants

14.6 Expressions and Operators

14.7 Data Types

14.8 Namespaces

14.9 Control Structures

14.10 Strings

14.11 Arrays

14.12 Functions

14.13 Handling Exceptions

14.14 Files

14.15 Date and Time

14.16 Summary: What you have learned in this Section

15. Forms, Cookies and Session

- 15.1 Objective: What you'll learn in this Section
- 15.2 Form with GET Action
- 15.3 Form with POST Action
- 15.4 Sanitise Form Data
- 15.5 Working with Cookies
- 15.6 Working with Sessions
- 15.7 Quiz: Forms, Cookies and Session
- 15.8 Summary: What you have learned in this Section

16. MySQL Basics

- 16.1 Objective: What you'll learn in this Section
- 16.2 Introduction to Database and MySQL
- 16.3 What is MySQL?
- 16.4 What is PhpMyAdmin
- 16.5 Datatypes in MySQL
- 16.6 Keywords in MySQL
- 16.7 Quiz: MySQL Basics
- 16.8 Summary: What you have learned in this Section

17. PhpMyAdmin

- 17.1 Create Users
- 17.2 Create Database and Table

18. MySQL Statements

- 18.1 Objective: What you'll learn in this Section
- 18.2 Create Table
- 18.3 Drop Table
- 18.4 Insert Statements
- 18.5 Select Statements
- 18.6 Clause - Where, Limit
- 18.7 Operators - ISNULL, LIKE, ORDERBY
- 18.8 Update Statements
- 18.9 Delete Statements
- 18.10 Quiz: MySQL Statements
- 18.11 List of all SQL Statements
- 18.12 Summary: What you have learned in this Section

19. MySQL with PDO

- 19.1 Objective: What you'll learn in this Section
- 19.2 Create Table
- 19.3 Database Connection
- 19.4 Display Records
- 19.5 Insert Records
- 19.6 Update Records
- 19.7 Delete Records
- 19.8 Quiz: MySQL with PDO
- 19.9 Summary: What you have learned in this Section

20. MySQL with MySQLi

- 20.1 Objective: What you'll learn in this Section
- 20.2 Create Table
- 20.3 Database Connection
- 20.4 Display Records
- 20.5 Insert Records
- 20.6 Update Records
- 20.7 Delete Records
- 20.8 Quiz: MySQL with MySQLi
- 20.9 Summary: What you have learned in this Section

21. [PHPKart.com] - Complete eCommerce Website with PHP

- 21.1 Complete Project

22. [LearnWP.xyz] - Complete Blogging Website with WordPress

- 22.1 Objective: What you'll learn in this Section
- 22.2 Introduction to Domain Name
- 22.3 Step 1: Register and Purchase a Domain Name
- 22.4 Introduction to WEB Hosting Space
- 22.5 Step 2: Register and Purchase Hosting Plan
- 22.6 Step 3: Map Domain Name with Web Hosting
- 22.7 Step 4: How to Login into WordPress from Hosting
- 22.8 Step 5: Learn to Login and Logout from WordPress
- 22.9 Step 6: How to Organize your New Site
- 22.10 Step 7: Install and Configure Themes
- 22.11 Step 8: Install & Configure Important Plugins

- 22.12 Step 9: Sample Pages – Contact & About
- 22.13 Step 10: Create Categories, Posts and Navigation menu
- 22.14 Step 11: Configure Layout & Widgets
- 22.15 Step 12: Secure your Site
- 22.16 Visit: LearnWP.xyz

23. Complete PHP OOP

- 23.1 Objective: What you'll learn in this Section
- 23.2 OOP Basics
- 23.3 \$this keyword
- 23.4 Constructor and Destructor
- 23.5 Chaining Methods and Properties
- 23.6 Access Modifiers - public and private
- 23.7 Inheritance
- 23.8 final Keyword
- 23.9 Interface
- 23.10 Abstract Classes and Methods
- 23.11 Static Methods and Properties
- 23.12 Polymorphism
- 23.13 Data Encapsulation
- 23.14 Data Abstraction
- 23.15 Overriding
- 23.16 Magic Methods
- 23.17 Type Hinting
- 23.18 Dependency Injection
- 23.19 Traits and Code Inclusion
- 23.20 Working with Objects
- 23.21 AutoLoading and Dynamic Calling
- 23.22 S.O.L.I.D - Object Oriented Principles
- 23.23 Project 1: Database Class with OOP
- 23.24 Projects 2: CRUD Operations with Post Class with OOP

23.25 Summary: What you have learned in this Section

24. Introduction to XML

24.1 Complete Understanding of XML Basics

24.2 DTD vs XSD: Understanding the difference

24.3 XPATH: Understand and Build your own XPATH

25. Introduction to JSON

25.1 Introduction to JSON

25.2 JSON vs XML

25.3 JSON vs JavaScript Object Literals

25.4 JSON Syntax

25.5 JSON Data Types

25.6 JSON Arrays

25.7 JSON Objects

25.8 JSON Online Tools

25.9 How to read JSON

25.10 JSON Exercise

26. Introduction REST and API

26.1 Understanding REST & API

26.2 What is API

26.3 What is REST

26.4 Webservice vs REST

26.5 What is REST JSON API

26.6 Token based REST API

26.7 What is API Management Tool

27. Interview Questions

- 27.1 HTML Questions
- 27.2 CSS Questions
- 27.3 JavaScript Questions
- 27.4 PHP Questions
- 27.5 MySQL Questions
- 27.6 WordPress Questions

28. Valuable Resources

- 28.1 Get your PHPBootcamp Certificate
- 28.2 [Premium] Download StudioPress Themes
- 28.3 [Download Only] Online Ticketing System
- 28.4 PHP Resume Format

29. Next Steps

- 29.1 UPCOMING LECTURES
- 29.2 What do you want to achieve?
- 29.3 Connect with the team