

You can get real RELIABILITY, PERFORMANCE and **EFFECTIVE RESULTS**

Our team spent many years searching for new ideas,
studying hundreds of different kinds of business,
and finding new effective solutions.



Course Outline

Basic Web Development

For Professionals

Who Can Participate?

- Anyone can join who has the interest to get into the creative web development profession.

Prerequisite:

- Technical Skill: Must have the fluent operating skill of Computer
- Must have the skill to use internet
- A little or basic knowledge on Web Design and Development would be fine but not necessary
- Academic: HSC or Equivalent Certificate

Key features of “Prime IT Ltd”:

- Training by Certified and Experienced Trainers.
- Industrial and Corporate Tie-ups for Live projects for student.
- Well equipped Computer Lab, Internet and Book Bank facility.
- Live project based Trainings & Internships.
- WI-FI enabled classrooms.
- Certificate will be provided after training.
- Job facilities in freelancing marketplaces.

Course Duration:

- Total Class = 32
- Per Class = 2 hours
- Total Time = 64 hours
- Course Fee = 10,000 BDT Only
- Duration = 3 months

Nothing Is Difficult to Drive, If You Are Skilled...

...We will make you SKILLED for FREELANCING.

Course Outline – Basic Web Development

Training Overview

This hands-on object oriented PHP and MySQL training course teaches attendees everything they need to successfully build data driven website using PHP and MySQL. You will also learn about MySQL, HTML5, CSS3 and JavaScript. We will teach you advanced CSS3 techniques. We will teach you basic Ajax and jQuery with Ajax Image upload, Object Oriented Ajax with Dojo Toolkit.

Training Objectives

- To teach attendees the Object Oriented PHP programming skills they need to successfully build interactive website.
- To teach students enough MySQL database skills to build the databases that will power their websites.
- HTML5, advanced CSS3 techniques and JavaScript.
- Ajax Image upload
- Object Oriented Ajax with Dojo Toolkit.
- Individual / Group PHP MySQL Project

Lecture - 01:

- Introduction to HTML
- Introduction of Necessary Software's
- Creating Development Environment
- Revising Basic HTML

Lecture - 02:

- Introduction to HTML5
- Laying Out a Page with HTML5:**
- Page Structure
 - New HTML5 Structure Tags
 - Page Simplification

Lecture - 03:

Selection and Articles:

- The Selection Tag
- The Article Tag
- Outlining
- Accessibility

Lecture - 04:

HTML5 Audio and Video:

- Supported Media Types
- The Audio Element
- The Video Element
- Accessibility
- Scripting Media Elements
- Dealing with Non- Supporting Browsers.

Lecture - 05:

HTML5 Forms:

- Modernizer
- New Input Types (Search, tel, url, email, date/time input types, numbers, range, min, max, step attributes, colour)

Lecture -06:

- Google Map API
- Getting Started with Canvas

“Creativity is knowing how to hide your sources” — Albert Einstein

Lecture - 07:

Introduction to CSS

Lecture - 08:

Introduction to CSS3

Understanding CSS3:

- Understanding CSS3 Terminology
- Adding Rules to a Style Sheet
- Adding Selectors
- Working with Multiple Declarations

“The chief enemy of creativity is good sense.” — Pablo Picasso

<p>Lecture - 09:</p> <ul style="list-style-type: none"> • Working with Style Sheets • Embedding a Style Sheet • Importing an External Style Sheet • Importing Multiple Style Sheets • Linking to an External Style Sheet • Managing Style Sheets 	<p>Lecture - 10: Selectors and the Cascade:</p> <ul style="list-style-type: none"> • Understanding Selectors • Using ID Selectors • Using Class Selectors • Using Grouped Selectors • Using Descendant Selectors • Looking for the Sources of Styles • Resolving Style Conflicts with Specificity • Using the Important Declaration • Applying User Style Sheets
<p>Lecture - 11: Using CSS3 to Affect Page Layout:</p> <ul style="list-style-type: none"> • Introducing the CSS3 Box Model • Creating Simple Floats • Using Floats for Page Layout • Fixing Column Drop • Cleaning Essentials • Containing Floats • Displaying Elements <p>Rich people believe "I create my life." Poor people believe "Life happens to me."</p>	<p>Lecture - 12: Simple SELECTS:</p> <ul style="list-style-type: none"> • Introduction to Database • Some Basics • Comments • Whitespaces and Semi-colon • Case Sensitivity • SELECT All Columns in All Rows • SELECT Specific Column • Sorting Records • Sorting by a Single Column • Sorting by Multiple Columns • Sorting by Columns Position • Ascending and Descending Sorts
<p>Lecture - 13: The WHERE Clause and Operator Symbols:</p> <ul style="list-style-type: none"> • Checking for Equality • Checking for Inequality • Checking for Greater or Less Than • Checking for NULL • WHERE and ORDER BY • The WHERE Clause and Operator Words • The BETWEEN Operator ❖ The IN Operator ❖ The LIKE Operator ❖ The NOT Operator ❖ Checking Multiple Conditions ❖ AND ❖ OR ❖ Order of Evaluation <p>"The knowledge of all things is possible" — Leonardo da Vinci</p>	<p>Lecture - 14: Sub queries, Joins and Unions:</p> <ul style="list-style-type: none"> • Sub queries • Joins • Table Aliases • Multi-table Joins • Outer Joins • Unions • UNION ALL • UNION Rules <p>Lecture 15: Inserting, Updating and Deleting Records:</p> <ul style="list-style-type: none"> • INSERT • UPDATE • DELETE <p>Managing Data:</p> <ul style="list-style-type: none"> • Querying a Database • Mysqli () Overview • Mysqli () Methods and Properties • Inserting and Updating Records • Mysqli Prepared Statements

<p>Lecture - 16: Object Oriented PHP Basics:</p> <ul style="list-style-type: none"> ➤ Object Oriented PHP role in the WWW ➤ The php.ini file ➤ Basic PHP Syntax ➤ PHP Tags ➤ PHP Statements and Whitespace ➤ Comments ➤ PHP Functions ➤ Hello World! 	<p>Lecture - 17: Variables:</p> <ul style="list-style-type: none"> ➤ Variable Types ➤ Variable Names (Identifiers) ➤ Variable Scope ➤ Superglobals ➤ Constants
<p>Lecture - 18: PHP Operators Creating Dynamic Pages Flow Control Conditional Processing If Conditions If...else Conditions Nested If.....else Condition If...else ladder</p>	<p>Lecture - 19: While loop Do...while loop For loop Break and continue Switch Statement</p>
<p>Lecture - 20: Arrays:</p> <ul style="list-style-type: none"> ➤ Enumerated Arrays ➤ Initializing Arrays ➤ Appending to an Array ➤ Reading from Arrays ➤ Looping through Arrays ➤ Associative Arrays ➤ Initializing Associative Arrays ➤ Reading form Associative Arrays 	<p>Lecture - 21: String Manipulation:</p> <ul style="list-style-type: none"> ➤ Formatting Strings ➤ Concatenation ➤ String Manipulation Functions ➤ Example of String Functions ➤ Magic Quotes ➤ Magic_quotes_gpc ➤ Magic_quotes_runtime ➤ Recommendation on Magic Quotes
<p>Lecture - 22: Sending Email with Object Oriented PHP</p> <ul style="list-style-type: none"> ➤ Mail () ➤ Shortcomings of mail () <p>File System Management:</p> <ul style="list-style-type: none"> ➤ Opening a File fopen () ➤ Reading from a File fgets () ➤ Writing a File fwrite () ➤ Uploading Files via an HTML Form 	<p>Lecture - 23: A Database-less Login Form Sessions Configuring Sessions Session Functions Cookies</p>
<p>Lecture - 24: JavaScript JavaScript Language Fundamentals:</p> <ul style="list-style-type: none"> ➤ Statements ➤ Variables and Data types ➤ Operators ➤ Conditionals ➤ Loops ➤ Functions 	<p>Lecture - 25: How forms fit into the JavaScript DOM Setting focus on a specific field Blocking a field from being edited Setting field values based on User input Basic validation: requiring field values to be filled in Handling calculations within forms</p>
<p>Lecture - 26: Basic idea on Ajax</p>	<p>Lecture - 27: Basic idea on jQuery</p>

Freelance Outsourcing

<p>Lecture - 28 : Overall idea about freelance outsourcing</p> <ul style="list-style-type: none"> • What is Freelancing? • What is Outsourcing? • Online Freelance Marketplaces. • Idea about payment systems. • Types of Freelancing work. • Web Development Related Works in Online. 	<p>Lecture - 29: Payment systems from Freelancing Sites:</p> <ol style="list-style-type: none"> a. Payoneer Master Card <ul style="list-style-type: none"> - Apply for a free MasterCard - How to use Payoneer MasterCard - Where Can use MasterCard - Maintenances of MasterCard b. Moneybookers <ul style="list-style-type: none"> - How to use MB. c. Direct Bank Wire Transfer.
<p>Lecture - 30: Marketplace oDesk</p> <ul style="list-style-type: none"> • Creating an effective profile. • Making an eye catching profile and portfolio. • Types of WD related task in oDesk. • How to write a professional proposal. • What should do and do not for job. • How to withdraw money from oDesk . 	<p>Lecture - 31 & 32: Elance, Freelancer, PPH & Fiverr</p> <ul style="list-style-type: none"> • Creating Account for Elance, Freelancer, PPH & Fiverr • Creating professional profile. • Exams for Elance & Freelancer.com. • How to write a professional proposal/hourlie/gigs • How to verify Phone and NID/DL/PP. • What should do and do not for job. • How to withdraw money from Elance, Freelancer, PPH & Fiverr.

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