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## Beginning PHP

**Duration: 2 Days    Course Code: LO035414    Delivery Method: Company Event**

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### Overview:

PHP is a dynamic language which allows developers to create interactive server-side scripts. PHP is widely known and used by developers all over the world.

PHP has an easy learning curve and has a very user-friendly approach. It is used in almost all domains, including social media, medical, travel, and so on. Want to get up to speed with the latest PHP 7.0 version? If your answer is yes, then you should take this course.

This course will get you up to speed starting with basic concepts such as variables, data types, arrays and loops. It then progresses to more advanced concepts such as building your own frameworks and creating your own app.

### Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

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### Target Audience:

This course is for anyone interested and wants to learn about the fundamentals of PHP programming. Students should have a basic knowledge with HTML, CSS, JavaScript, and MySQL.

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### Objectives:

- This course focuses on the basic aspects of PHP right from variables, data types, arrays, and loops. It will also cover an explanation on frameworks, which will help you in writing your own custom framework. This course will also guide you in creating your own application.
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### Prerequisites:

#### Hardware:

This course will require a computer system for the instructor and one for each student. The minimum hardware requirements are as follows:

- Processor: Intel Core i7 or equivalent
- Memory: 4 GB RAM
- Internet connection

#### Software:

For this course, we will use the following software:

- Windows 8.1 64-bit
- WAMP server for Windows
- LAMP server for Linux
- MAMP server for Mac

Browser: The latest version of one or more browsers (Internet Explorer 11 or Chrome 54.0.2840 or newer is recommended)

Text editor like Notepad or Sublime Text

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## Content:

### Lesson 1: Variables, Data Types, Operators and Conditionals

- The Basics

### Lesson 2: Array and Loops

- Arrays
- Loops

### Lesson 3: Functions and Classes

- Functions
- Classes

### Lesson 4: Data Operations

- Inputting and Outputting Data
- MySQL Basics

### Lesson 5: Building a PHP Web Application

- Concepts of OOP in a Framework Environment
- Structure of a Framework

### Lesson 6: Building a PHP Framework

- Setting up a Project Development Environment
- Configuration Class, Default Classes, and Routing
- The Base Controller
- Working with PDO

### Lesson 7: Authentication and User Management

- Setting Up Paths and Inclusion of Bootstrap Configuration Class, Default Classes, and Routing
- Adding Security to the Project
- Password Recovery
- Building CRUD for User Management

### Lesson 8: Building a Contacts Management System

- CRUD, the Contact Application
- Comments, Joins, and Date Formatting

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## Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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