

PHP and MySQL ESSENTIALS

3 Day Course

PHP is an open-source server-side scripting language used for the creation of dynamic web pages for e-commerce and other web based applications. As one of the most popular server-side languages commercially used today, PHP offers a simple and universal solution for easy-to-program dynamic web pages.

This three day intensive course will use PhpMyAdmin to administer your own MySQL database and introduce you to the fundamentals of PHP, show you how to build dynamic pages and deal with the basics of secure logins and pages. By using PHP in conjunction with MySQL you will be able to build 'next generation' applications and not simply 'brochure ware'.

This course is based on using a Windows platform, though the skills learnt can be transferred to a Macintosh platform. This course on each day runs from 9.30am to approximately 4.30pm

Who should attend

This course is designed for delegates with knowledge of HTML and some programming experience. No knowledge of PHP and databases is required.

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COURSE CONTENT

• DAY 1

• Introduction

- Introduction to dynamic web sites
- What is PHP?
- Installing a web server
- Installing PHP,MySQL and PhpMyAdmin

• Using PhpMyAdmin

- Understanding Database Basics
- Setting up your MySQL database
- Using SQL in MySQL
 - MySQL data types
 - Basic SQL syntax elements
 - MySQL built-in functions

• Sample Database

- Building simple relational tables

• DAY 2

• Site Set up

- Set up your site folder
- Your first PHP script

• Introduction to PHP

- PHP basics
- Working with PHP variables & data type
- Handling information from users.

• PHP Programming

- PHP Operators and Comparators
- PHP Conditionals
- PHP Loops
- Writing PHP Functions
- Arrays

• Understanding Dynamic Issues

- Understanding HTTP Statelessness
- Using Forms
- Using URL parameters
- Introduction to Sessions and Cookies
- Using Server Side includes (SSI)

• DAY 3

• Building simple Dynamic pages

- Setting up the Project Template
- Connecting PHP with MySQL
- Reading data from a MySQL
- Using an SSI file with the connection details
- Creating a home page.
- Creating an Employee List page
- Creating a Log In page
- Login Failed and Login Success
- Securing your pages

For more information or to book a course please call 01926 436934