

PHP and MySQL Web Development

Theory and Practical
4 Days



Content Outline

Topics for discussion

ACUDEMY

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Course Overview

This is a practical course with extensive hands-on sessions. It provides delegates with the knowledge and skills to develop PHP web applications which interface with web database servers using the SQL language. Whilst primarily based around the most popular web database, MySQL, PHP's database independent API's will also be covered allowing access to almost any database system.

Delegates will learn how to design and create database tables and use the power of SQL to develop dynamic web applications, such as user driven content management systems, online document and photograph libraries, catalogue and diary applications, online booking and e-commerce applications.

On completion of the course delegates will be able to:

- Describe and use the basic program and data structure features available in PHP
- Output dynamic web content from files and databases HTML web pages
- Process user input from forms
- Identify and authenticate users and establish an interactive user session using PHP session management and/or cookies
- Develop and create database tables and access them using the power of the SQL language
- Describe the implementation of a secure e-commerce application



Course Content



Course details:

- Integrating PHP into HTML web pages
- PHP variables and datatypes, arrays and Control Structures
- Processing user input from HTML forms with PHP
- Functions, variable scope and Include files
- Handling files, directories and folders
- File uploads from a form
- Creating database tables
- Inserting and updating data into tables
- Selecting data from tables and integrating into PHP web pages
- Authenticating users and maintaining state with PHP session management
- Use of Cookies
- Sending email from PHP
- Accepting secure credit card transactions
- Object Oriented facilities in PHP
- Managing PHP and SQL security considerations
- Debugging programs

What are the Course Requirements?

A basic understanding of HTML web page development at the code level, (i.e., beyond usage of the purely graphical facilities of Frontpage, Dreamweaver, etc...).

Previous experience of a programming language would be an advantage.





Awarded by

Course Completion Certificate
awarded by Acudemy.

ARE ANY FINANCIAL OPTIONS PROVIDED?

- 0% Interest Free payments available.



Questions or comments?

Get in touch!

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