

Introduction to PHP



media training

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Course description

PHP applications are popular, easy to code and can run on any server or operating system. PHP can be integrated directly within your HTML code and allows information to be accessed from any data source.

This two day intensive course will introduce you to the fundamentals of PHP and show you how to build complete applications that include the use of cookies and sessions, creating functions and arrays to use in PHP code, sending email and processing forms using PHP. This is a comprehensive and practical introduction to PHP. If you would like to tailor the following course outline to your exact requirements please give us a call or email.

Course information

Course duration Two days

Course cost

Public scheduled course: £450 plus VAT per person.
This course runs as a public scheduled course on a regular basis.
Please call 020 7359 9855 or visit www.mediatraining.ltd.uk for dates.

Private course costs: £990 plus VAT for two days of individual tuition.
Please call for prices for private groups of two or more.

Course location

We have two fully equipped training centres in central London; one is in Highbury and Islington (one stop from Kings Cross) and one next to Waterloo station. We can also run courses onsite at your offices if you prefer.

Pre course requirements

You should have attended the Introduction to HTML course at Media Training or have some programming experience. No PHP experience is required.

Post training support

The cost of the course includes lunch, course notes to take away, a certificate and six months telephone Helpline support.

Follow on courses

PHP and MySQL - Building Dynamic Web Applications, Building a Database Driven Website.

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Introduction to PHP

DAY ONE

Introduction

- PHP and how it works
- Server-side technology structures
- Your first PHP page
- PHP structure

Variables and identifiers

- Working with Identifiers
- Variables, String, Number
- Math operators
- Using constants
- String functions
- Shorthand operators
- Using Expressions
- Using variables and variable scope

Conditional structures

- Control structures
- Logic and relational operators
- Using 'If', 'Else if' and 'Else'
- Switch operator
- Comparison operators
- Conditional operators

Loops

- Using the While loop
- Break statements
- Continue statements
- Using 'do...while', 'for', 'foreach'

Functions

- Creating your own functions
- Calling a function
- Using arguments
- Return statements and static statements
- Scope of variables
- Optional arguments
- Dynamic, built-in and data functions

Questions and answers

DAY TWO

Arrays

- Array assignments
- Array functions

Form validation

- Validating mandatory information
- User friendly validation techniques
- Using the setcookie function
- Data functions
- String functions

Advanced forms

- Working with drop down menus
- Checkboxes and radio buttons
- Comparison functions
- Using Strcmp()
- Using Strcasesmp()

HTTP

- HTTP basics
- Headers
- Environment variables

Utilising Cookies

- When to use cookies
- Setting cookies
- Reading cookies
- Deleting cookies

Session variables

- Setting sessions
- Storing session variables
- Reading sessions
- Deleting sessions

Email function

- Creating auto-responder
- Using email to accept simple on-line orders

Built in functions

- Include()
- Require()
- Include_once()
- Require_once()

Overview of MySQL

Overview of PHP and XML

Questions and answers