

## PHP PROGRAMMING

### Course Description

PHP is one of the hottest technologies on the web. The ease of a scripting language combined with the power of languages such as Perl, C, or Java and numerous libraries for everything from connecting to back-end databases to drawing Acrobat files on the fly. This two-day course gets you developing dynamic web content quickly. It goes on to explore some of the more popular libraries including accessing a MySQL database and working with images.

Course Length: 2 Days

Course Tuition: \$500 (US)

### Prerequisites

Knowledge of HTML required and experience with C, C++, Perl or Java helpful.

### Course Outline

- Introduction to PHP
  - A Little History
  - Find PHP on the Internet
  - A Simple PHP Program
  - PHP and PHP Programs
  - Where is that Documentation?
- Developing Web Applications
  - Client/Server Interaction and PHP
  - HTML Forms
  - Form/PHP Interaction
  - Output Functions
  - File I/O
  - Writing Your Own Functions
- PHP Syntax
  - Integers, Floats and Strings
  - The Assignment Operator
  - Operators, Variables and Constants
  - Logical and Relational Operators
  - The if Statement
  - The switch Statement
- Data Functions
  - Data Types and Testing Functions
  - Working with Arrays
  - Working with Strings
  - intval( ), doubleval( ) and strval( )
- Database Functions
  - What is DBM?
  - DBM Database Functions
  - What is MySQL?
  - MySQL Database Functions
  - What is Oracle?
  - Oracle Database Functions
- Image Functions
  - What is the GD Library?
  - Image File Formats
  - Creating an Image
  - Working with Images
  - Outputting Images
- Other Topics
  - Working with Cookies

Arrays and Associative Arrays  
The for Statement  
break, continue and exit

setcookie( )  
The header( ) Function  
Environment Variables