



Introduction to PHP 5 Programming

Duration: 2 days

Course Synopsis:

PHP has gained a following among non-technical web designers who need to add interactive aspects to their sites. Offering a gentle learning curve, PHP is an accessible yet powerful language for creating dynamic web pages. This two day hands-on training class is designed to get you started with PHP and introduce you to features that will enable you to build powerful database-driven Web applications.



Who Should Attend:

Web professionals who need to develop dynamic web content through data driven pages, using PHP. Experienced users will also benefit from the many tips and tricks, and special exercises.

Prerequisites:

Because of the amount of material we cover in class, we do require students to be comfortable using a mouse, opening and saving files, and the general operations of computers. While we will make every reasonable effort to help, students with insufficient skills may be required to observe the class lessons or do their best to keep up without slowing down the rest of the class.

What You Will Learn:

- Programming Fundamentals
- Boolean Logic and Conditional Statements
- Building Forms in PHP
- Variables, Statements, Loops
- Working with Functions and Reusing Code
- Working with Arrays

Time:

Class time is 9:00 a.m.- 4:00 p.m.
Breaks are scheduled throughout the day and lunch is typically scheduled 12-1. Students provide their own lunch.

Course Materials:

Course materials are provided. Our goal is to make sure your class meets your objectives, not ours. Therefore, all of our outlines are treated as guides to help steer the workshop. We may change or alter course topics to best suit the classroom situation.

Locations:

We have company-operated facilities in Atlanta, Chicago, Denver, San Diego and Washington DC. We also work with a network of rental facilities to offer our classes regularly across the United States and in Canada. Please double-check the location of your class with our office to make sure you get to the right location.

Related Courses:

We recommend the following courses that relate to this class: Advanced PHP with MySQL and Adobe Dreamweaver. Please take a look at our other course outlines at our web site: <http://www.ledet.com>.

Goals:

Sterling Ledet and Associates realizes the importance of education and we take pride in being able to offer you classes that are more custom fit to your needs. Call us at (770) 414-5007 if you have any special questions or e-mail us at sales@ledet.com.

Registration:

Please fill out our registration form and fax it to us at (312) 896-9094.

URL: <http://www.ledet.com> • Local: (770) 414-5007 • Toll Free: 1-877-819-COOL



Introduction to PHP 5 Programming

LESSON PLANS

LESSON 1

Introduction to PHP

- PHP Basics
- How PHP Works
- The php.ini File
- Basic PHP Syntax
- PHP Tags
- PHP Statements and Whitespace
- Comments
- PHP Functions and Tags
- Variables
- Variable Scope
- Superglobals
- Constants
- Variable-Testing
- Manipulation Functions
- PHP Operators
- Creating Dynamic Pages
- Single Quotes vs. Double Quotes

LESSON 2

Understanding Loops and Flow

- Flow Control
- Conditional Processing
- If Conditions
- Loops
- while, do...while, for
- break and continue

LESSON 3

Arrays

- Enumerated Arrays
- Initializing Arrays
- Appending to an Array
- Reading from Arrays
- Looping through Arrays
- Associative Arrays
- Initializing Associative Arrays
- Reading from Associative Arrays
- Looping through Associative Arrays
- Superglobal Arrays

Two-dimensional Arrays

- Reading from Two-dimensional Arrays
- Looping through Two-dimensional Arrays
- Reading from Two-dimensional Arrays
- Looping through Two-dimensional Arrays
- Array Manipulation Functions

LESSON 4

PHP and HTML Forms

- HTML Forms
- How HTML Forms Work
- A Sample HTML Form
- Form Variables
- Form Variables

LESSON 5

String Manipulation

- Formatting Strings
- Concatenation
- String Manipulation Functions
- Examples of String Functions
- Magic Quotes
- Recommendation on Magic Quotes
- magic_quotes_gpc
- magic_quotes_runtime

LESSON 6

Reusing Code and Writing

- Functions
- Including Files
- require
- require_once
- auto_prepend_file and auto_append_file
- User Functions
- Defining and Calling Functions
- Default Values
- Variable Scope
- By Reference vs. By Value
- Form Processing
- Code Organization

LESSON 7

PHP and HTML Forms

- HTML Forms
- How HTML Forms Work
- A Sample HTML Form
- Form Variables
- Form Variables