



PHP 5 Programming

TRAINING 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.

TRAINING COURSE LENGTH AND TIME

This class is 2 days long. 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.

WHAT YOU WILL LEARN IN THIS TRAINING COURSE

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

WHO SHOULD ATTEND THIS TRAINING COURSE

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.

ENROLLMENT

Please see our Enrollment Page (<http://www.ledet.com/enroll>) for our enrollment form.

LOCATIONS FOR THIS TRAINING COURSE

We have training centers in Atlanta, Houston, Chicago, Denver, San Diego and Washington DC. We also offer classes at a network of rental facilities. We offer private onsite training and instructor-led, live online training. If coming to a rental facility, please double-check the location of your class with our office to make sure you get to the right location.

PREREQUISITES FOR THIS TRAINING COURSE

Knowledge of your operating system and basic computer navigation is required for all classes.

GOALS FOR THIS TRAINING COURSE

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 (877) 819-2665 if you have any special questions or e-mail us at sales@ledet.com.

DISCLAIMER

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. This outline does not guarantee that all the topics listed will be covered in the time allowed. The amount of material covered is based on the skill level of the student audience. We may change or alter course topics to best suit the classroom situation.

PHP 5 Programming

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 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