

## PHP I: Foundations (PHPI)

Days of Training: 3

### Overview

The Zend PHP I: Foundations course is designed to provide non-programmers with a solid foundation in the PHP language. This course guides you through the basics of PHP with an experiential approach and is filled with numerous examples and hands-on exercises, including substantial practice in coding a functional application. All of the exercises are designed to reinforce key learning.

You will also have the opportunity to use the Zend Studio IDE (Integrated Development Environment) to start your coding adventures the easy and correct way! The Zend Training Center will allow you to code exercises live during the course with your instructor able to both see and coach your progress.

### Audience

This course is designed for those who want to learn the basics of the PHP language, and assumes some familiarity with web sites – what they are and the very basics of how they work – but no programming experience. Web designers who want to become PHP Developers would certainly benefit from this course. If you are a programmer in a Procedural or OO language, we recommend you take the Quick Start: PHP for OO/Proc Programmers course. If you are an ILE programmer, we recommend you take the PHP I: Foundations (i5/OS Programmers) course.

### Pre-requisite(s)

None

### Price

SG\$2,400 before GST

### Objectives

To learn the basics of the PHP programming language

### Topics Include

Introduction to Programming Languages

PHP Language Basics: Syntax, Quotes, Comments, Data types

PHP Variable Basics: Numbers, Constants, Variables, Strings, Arrays

PHP Control Flow Basics: Operators, Conditionals, Loops

PHP Functional Basics: Functions, Libraries, Advanced Arrays, File Handling

PHP Programming Basics: Best Practices, Debugging, Brief Introduction to HTML

PHP Web Basics: Brief Introduction to Server Communication, Sessions, Security

PHP Database Basics: Introduction to the MySQL/SQLite Database as it relates to Web Sites

PHP Application Basics: Best Approaches to Creating Applications; Course project

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