

## Test Prep: PHP 5.3 Certification (PHP5)

Days of Training: 3

### Overview

The Test Prep: PHP 5.3 Certification course prepares experienced PHP programmers for the challenge of passing the PHP certification exam and achieving the status of Zend Certified Engineer (ZCE).

This is a test preparation and PHP review course – it does not teach PHP. The content discusses important information about the exam itself and strategies for answering the exam questions, while providing an in-depth review of the twelve certification topic areas. Participants are continually challenged to test their knowledge with focused quizzes. The course moves at a fast pace, and assumes at least an intermediate skill level in PHP programming.

### Audience

This course is designed for experienced PHP developers (intermediate-level +) who wish to gain information on how to take and pass the PHP 5.3 Certification exam while being guided through a quick, intense review of all of the major topics within the 12 certification areas.

### Audience

Preparation for the Zend PHP Certification Exam

### Pre-requisite(s)

At least intermediate-level knowledge of the twelve topic areas

### Price

SG\$2,400 before GST

### PHP Certification

Why Certification; Exam Essentials; Questions and Strategies; Topic Areas

### PHP Basics

Syntax, Operators, Variables, Constants, Control Structures, Language Constructs and Functions, Constants, Namespaces, Extensions, Constants, Config, Performance/opcode caching

### Functions

Syntax, Arguments, Variables, References, Returns, Variable Scope, Anonymous Functions, closures

### Data Formats & Types

XML Basics, SimpleXML, XML Extension, Xpath, Webservices Basics, SOAP, REST, JSON & AJAX, DateTime, DOMDocument

### Web Features

Sessions, Forms, GET and POST data, Cookies, HTTP Headers, HTTP Authentication

### OOP

Instantiation, Modifiers/Inheritance, Interfaces, Exceptions, Static Methods & Properties, Autoload, Reflection, Type Hinting, Class Constants, Late Static Binding, Magic (\*\*) Methods, Instance Methods & Properties, Class Definition, SPL

### Security

Configuration, Session Security, Cross-Site Scripting, Cross-Site Request Forgeries, SQL Injection, Remote Code Injection, Email Injection, Filter Input, Escape Output, Encryption, Hashing algorithms, File uploads, Data storage, SSL

### Strings & Patterns

Quoting, Matching, Extracting, Searching, Replacing, Formatting, PCRE, HEREDOC and NOWDOC, Encodings

### Databases

SQL, Joins, Analyzing Queries, Prepared Statements, Transactions, PDO

### Arrays

Enumerated Arrays, Associative Arrays, Array Iteration, Multi-Dimensional Arrays, Array Functions, SPL, Objects as arrays

### I/O

Files, Reading, Writing, File System Functions, Streams, Contexts

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