5 Days Course on
Zend PHP 5 Certification

Preparation for Certification

About the Course

Essentially two courses in one; provides thorough introductions to the PHP language and the MySQL database, and the Zend PHP 5 Certification Study Guide. When it comes to creating dynamic, database-driven Web sites, MySQL and PHP provide a winning open source combination. With this course, and there's no limit to the powerful, interactive Web sites that developers can create.

Zend's new PHP 5 Certification Exam represents an excellent tool for professional PHP developers who want to distinguish themselves in their field. As of 7th January 2013, only 11 Malaysians are Zend Certified Engineer. This course is perfect for every prospective Zend Certified PHP Engineer candidate!

Prerequisites

Attended the MySQL for Beginners course or had experiences working with PHP, Relational Databases and SQL.

Course Settings

Venue/Date	Refer to Training Calendar
Timings	0900-1700
Inclusive	Certificates and notes
Course Fee	Contact Us at sales@2-sigma.com
Exam Fee	Contact Us at sales@2-sigma.com
Audience	IT Officer, Web Developer and Programmer
Level	Preparation towards Certification

Zend PHP 5 Certification – Schedule

Day 1	
9.00am – 10.00am	**PHP Basics** • Syntax • Anatomy of a PHP Script • Data Types
10.00am – 10.30am	Breakfast
10.30am – 1.00pm	• Variables • Constants • Operators • Control Structures • Conditional Structures • Errors and Error Management
1.00pm – 2.00pm	Lunch
2.00pm – 5.00pm	**Functions** • Basic Syntax • Returning Values • Variable Scope
Day 2	
9.00am – 10.00am	**Arrays** • Array Basics • Array Operations
10.00am – 10.30am	Breakfast
10.30am – 1.00pm	• Array Iteration • Sorting Arrays

	• Arrays as Stacks, Queues and Sets **Strings and Patterns** • String Basics • Comparing, Searching and Replacing Strings
1.00pm – 2.00pm	Lunch
2.00pm – 5.00pm	• Formatting Strings • Perl-compatible Regular Expressions
Day 3	
9.00am – 10.00am	**Web Programming** • Anatomy of a Web Page • Forms and URLs • HTTP Headers
10.00am – 10.30am	Breakfast
10.30am – 1.00pm	• Sessions **Object Oriented Programming in PHP** • OOP Fundamentals • Class Methods and Properties • Constants, Static Methods and Properties
1.00pm – 2.00pm	Lunch
2.00pm – 5.00pm	• Interfaces & Abstract Classes • Exceptions • Lazy Loading • Reflection
Day 4	
9.00am – 10.00am	**Database Programming** • An Introduction to Relational Databases and SQL • SQL Joins
10.00am – 10.30am	Breakfast
10.30am – 1.00pm	• Advanced Database Topics **Elements of Object-oriented Design** • Design Pattern Theory • The Standard PHP Library
1.00pm – 2.00pm	Lunch
2.00pm – 5.00pm	**XML and Web Services** • The Extensible Markup Language (XML) • SimpleXML • DOM • Web Services
Day 5	
9.00am – 10.00am	**Security** • Concepts and Practices • Website Security
10.00am – 10.30am	Breakfast
10.30am – 1.00pm	• Database Security • Session Security • Filesystem Security • Shared Hosting
1.00pm – 2.00pm	Lunch
2.00pm – 5.00pm	**Streams and Network Programming** • Accessing Files • Accessing Network Resources

More Information

Two Sigma Technologies
19-2, Jalan PGN 1A/1, Pinggiran Batu Caves,
68100 Batu Caves, Selangor
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To register, please email to sales@2-sigma.com or fax the registration form to 03-61880602, we will contact you for further action.