

## Fast Track: Zend PHP Basics to Advanced

Duration: 4 Days

### 1. Introduction

1. Welcome
2. What you need to know?

### 2. PHP Language Basics

1. PHP Language Basics
2. Syntax & Quotes
3. Comments
4. Special Characters
5. Data Types
6. Precedence
7. Symbols
8. Variables & Constants
9. Arrays
10. Operators & Conditionals

### 3. PHP Functions File Handling

1. Functions
2. Function Design Tools
3. File Systems (Handling)
4. Commonly Used File Functions
5. File System Performance

### 4. PHP Web Concepts

1. Client/Server Communications
2. How to embed PHP into HTML
3. How to embed HTML into PHP
4. Cookies & Sessions
5. \$\_GET and \$\_POST

## 5. Project I

1. Coding an Order Inquiry application

## 6. Advanced Web Concepts

1. Server Communication
2. HTTP Headers
3. Output Buffering
4. Browser Caching
5. Cookies
6. Sessions
7. Email
8. Forms

## 7. Object Oriented Programming

1. Classes
2. Static Context
3. Visibility (PPP)
4. Overriding Functions
5. Interfaces
6. Cloning
7. Namespaces

## 8. Advanced Database Handling

1. Relational Databases
2. SQL and MySQL
3. Connecting PHP and MySQL
4. PDO
5. Stored Procedures
6. Transactions

## 7. Critical Aspects Of Building PHP Applications

1. Testing and Debugging
2. Troubleshooting Procedures: Development
3. phpDocumentor, phpDoc
4. Exceptions
5. Web Services
6. Performance Enhancements
7. Security and Validation

## 8. Project 2

1. Coding an e-commerce application

## 9. PHP 7 From a Programmers Perspective

1. Introduction to PHP 7
2. PHP 7 History and Performance
3. Deprecations & Removals
4. Changes & Improvements
5. PHP 7 New Features
6. Spaceship & Null Coalescing Operator
7. Anonymous Classes with new class()
8. Unicode CodePoint escape syntax
9. Type Declarations

## 10. Conclusion

1. QA
2. Useful WordPress Resources
3. Feedback