

Training: Rogue Wave
 PHP Fundamentals I


| FORM OF TRAINING | MATERIALS | PRICE | DURATION |
|-------------------|-------------------|---------|----------|
| Traditional | Digital materials | 870 EUR | 3 days |
| Traditional | CTAB Tablet | 970 EUR | 3 days |
| Distance learning | Digital materials | 870 EUR | 3 days |
| Distance learning | CTAB Tablet | 870 EUR | 3 days |

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm
 Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING TERMS

2019-09-23 | 3 days | Warszawa

TRAINING GOALS:

Designed to provide beginner programmers with a solid foundation in the PHP language, this course guides you through the basics of PHP with an experiential approach, filled with numerous examples and hands-on exercises, including substantial practice in coding parts of a fully functional application. Class exercises are designed to reinforce key language concepts.

What will I learn?

PHP Fundamentals I provides you with an overview of the PHP language, main concepts, and helps you develop and adopt the methodologies and best practices of coding professionally in PHP. This class is suitable for **non programmers** and software developers at a beginning level.

What will I be able to achieve?

- Understand the syntax and structural elements of PHP
- Know how to correctly apply the various control-flow structures
- Understand PHP data types, type-juggling, and operator precedence
- Organize code into reusable functions
- Accomplish tasks using PHP's wealth of built-in file system and array functions
- Understand essential elements of HTTP such as cookies and sessions
- Understand the basics of validating input and escaping output
- Build forms to collect information from a user

- Interact with a database using PHP's MySQL functions

Audience:

- This course is designed for **non programmers** and beginners with less than 6-12 months of software development experience who want to learn the basics of the PHP language. Web designers who intend to learn the basics of professional web programming and become PHP Developers would benefit from this course.

CONSPECT:

- PHP LANGUAGE BASICS
 - Syntax
 - Quotes
 - Comments
 - Special Characters
 - Data Types
 - Precedence
 - Symbols
- PHP LANGUAGE BASICS
 - Syntax
 - Quotes
 - Comments
 - Special Characters
 - Data Types
 - Precedence
 - Symbols
- PHP IDENTIFIERS
 - Variables
 - Constants
 - Arrays
- PHP CONTROL FLOW BASICS
 - Operators
 - Conditionals
- PHP FUNCTIONAL BASICS
 - Functions
 - Function Design Tools
 - File Systems (Handling)

- FILE SYSTEM BASICS
 - Constants
 - Commonly Used File Functions
 - File System Performance
- PHP WEB CONCEPTS
 - Client/Server Communications
 - How to embed PHP into HTML
 - How to embed HTML into PHP
 - Validating and Escaping
 - Cookies
 - Sessions
 - \$_GET and \$_POST
- PHP DATABASE BASICS
 - Introduction to Relationship Databases
 - Keywords and Statements in SQL
 - Using PHP Functions with the MySQL Data Engine
- DEVELOPING PHP APPS
 - General Software Development
 - Application Structure Guidelines
 - Organizing a concept solution
 - Application Skeleton
 - Debugging Techniques
 - Security
- FINAL BINDINGS
 - OrderApp File Structure
 - OrderApp Architecture
 - OrderApp Request/Response Cycle
 - OrderApp Step Through
 - Resources
 - Course Summary

REQUIREMENTS:

- Basic knowledge of HTML. The class assumes some familiarity with web sites – what they are and the very basics of how they work – but no programming experience.

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Rogue Wave Zend.

This course is also intended to help participants prepare for the ZCE PHP certification exam (Zend Certified Engineer PHP). ZCE PHP certification exams are offered at Pearson VUE test centers worldwide. More information about ZCE PHP certification on the <http://www.zend.com/en/services/certification/php-certification>

TRAINER:

Rogue Wave Zend Certified Trainer.