

PHP Programmer Certification

Audience PHP Programmer Certification Course

The course PHP Programmer Certification is intended for experienced PHP developers that want to prepare themselves for the PHP 7 Programmers exam.

Prerequisites Course PHP Programmer Certification

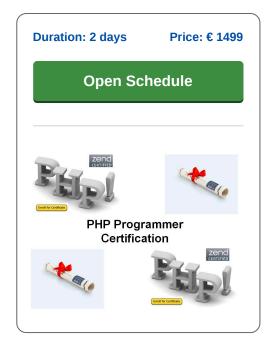
Knowledge and experience with Web development and PHP programming and Advanced PHP Programming is required to participate in this course.

Realization Training PHP Programmer Certification

The course has a hands-on nature. The theory is interspersed with practical exercises. Several mock exams with exam test questions are discussed. The course material is in English.

Certification PHP

Participants receive an official certificate PHP Programmer Certification after successful completion of the course.



Content PHP Programmer Certification

In the course PHP Programmer Certification the topics for the PHP 7 Programmers exam are discussed on the basis of test questions. The course also has the purpose to give the best possible impression of what one can expect on the actual exam.

Exam Training

The course is an exam-oriented training and programming assignments are not part of the course program.

Demo Scripts

Participants can however experiment with demo scripts where certain aspects of the exam are discussed. Extra attention is paid to topics that are commonly experienced as difficult.

Exam Topics

The exam topics on the program are: PHP Basics, Object Oriented Programming, new features in PHP 7, stream I/O and network programming, using functions and arrays, working with strings and regular expressions, accessing databases and SQL, accessing XML data and Web services, security and finally the use of Design Patterns.



Modules PHP Programmer Certification

Exam Topic: PHP Basics	Exam Topic: Date Formats and Types	Exam Topic: PHP 7 Features
Arithmetic and Bitwise Operators	XML Basics	Scalar Type Declarations
Assignment Operators	XML Extension	Coercive and Strict Mode
Comparison Operators	Character Encodings	Return Type Declarations
String and Array Operators	SimpleXML	Null Coalescing Operator
Logical Operators	SimpleXML Methods	Spaceship Operator
Variables	DOM	Constant Arrays
Condition Control Structures	SOAP and REST	Anonymous Classes
Loop Control Structures	SOAP Constants	Closure::call()
Special Constructs	REST Principles	Filtered unserialize()
Constants	REST Context Switching	Expectations
Namespaces	JSON	Integer Division
Extensions	JSON Constants	Use Statement
Configuration and Performance	DateTime Methods	Error Handling
Exam Topic: Strings	Exam Topic: Arrays	Exam Topic: Input and Output
Strings	Arrays	Files
Comparing Strings	Array Operations	File System Functions
String Functions	Looping Arrays	File Operations
Formatting Output	Array Methods	Streams
Regular Expressions	Sorting Arrays	File Wrappers
RegEx Syntax	Other Array Functions	Stream Contexts
Encoding	ArrayObject Class	Reading and Writing
Exam Topic: Object Orientation	Exam Topic: Databases	Exam Topic: Security
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Classes and Objects	Databases	Configuration
Inheritance	SQL Statements	Built-in Safeguards
Abstract Classes and Interfaces	Queries	PHP as Apache Module
Exceptions	SQL Functions	Session Security
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Properties and Methods	Joins	Cross-Site Scripting
Properties and Methods Static Modifier	Prepared Statements	Cross-Site Request Forgeries
Properties and Methods Static Modifier Autoloading and Reflection	Prepared Statements Transactions	Cross-Site Request Forgeries SQL Injection
Properties and Methods Static Modifier Autoloading and Reflection Type Hinting	Prepared Statements Transactions PDO	Cross-Site Request Forgeries SQL Injection Remote Code Injection
Properties and Methods Static Modifier Autoloading and Reflection Type Hinting Late Static Binding	Prepared Statements Transactions PDO PDO Connections	Cross-Site Request Forgeries SQL Injection Remote Code Injection Dynamic Data Attacks
Properties and Methods Static Modifier Autoloading and Reflection Type Hinting Late Static Binding Magic Methods	Prepared Statements Transactions PDO	Cross-Site Request Forgeries SQL Injection Remote Code Injection Dynamic Data Attacks Input Filtering and Escaping Output
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Properties and Methods Static Modifier Autoloading and Reflection Type Hinting Late Static Binding Magic Methods SPL Generators and Traits Exam Topic: Functions Function Definition	Prepared Statements Transactions PDO PDO Connections PDO Queries PDO Statements Parameter Passing Exam Topic: Web Features Sessions	Cross-Site Request Forgeries SQL Injection Remote Code Injection Dynamic Data Attacks Input Filtering and Escaping Output Password Hashing API SSL Exam Topic: Error Handling Error Levels
Properties and Methods Static Modifier Autoloading and Reflection Type Hinting Late Static Binding Magic Methods SPL Generators and Traits Exam Topic: Functions Function Definition Declaring Functions	Prepared Statements Transactions PDO PDO Connections PDO Queries PDO Statements Parameter Passing Exam Topic: Web Features Sessions Forms	Cross-Site Request Forgeries SQL Injection Remote Code Injection Dynamic Data Attacks Input Filtering and Escaping Output Password Hashing API SSL Exam Topic: Error Handling Error Levels Error Display
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