

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.

Duration: 2 days

Price: € 1499

[Open Schedule](#)



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