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PROFESSIONAL

# TECHELEARN

— IT TRAINING — TE  
HANDBOOK

## PHP CERTIFICATION COURSE



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# PHP Certification Course

**"Become a PHP Expert and Build Dynamic, Scalable Web Applications"**

Unlock your potential as a web developer with our **PHP**

**Certification Course at TECHELEARN.**

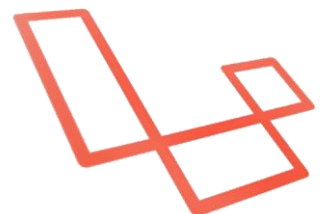
Whether you are new to web development or looking to enhance your PHP skills, this course offers a comprehensive learning path, covering everything from basic PHP concepts to advanced programming techniques. By the end of this course, you'll be able to create dynamic, data-driven websites and applications that power modern businesses.

PHP is one of the most popular programming languages for web development. Used by some of the world's leading companies, PHP powers websites and applications such as Facebook, WordPress, and Wikipedia. Mastering PHP will open doors to a wide range of career opportunities in the growing field of web development.



## Why Learn PHP?

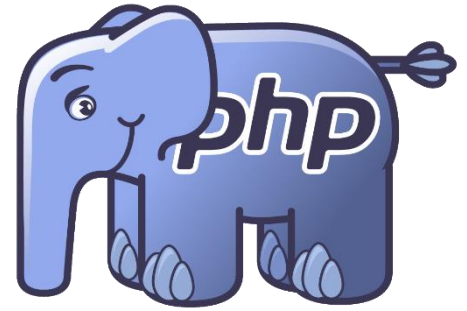
- **Versatility:** PHP is used for building dynamic websites and web applications. It can be integrated with various databases and technologies.
- **Server-Side Scripting:** PHP is primarily known for server-side scripting and is perfect for creating robust backend systems.



laravel



- **Widely Used:** PHP is a preferred language for building websites, eCommerce platforms, and Content Management Systems (CMS) like WordPress.



- **Job Opportunities:** With demand for PHP developers constantly on the rise, this course helps you tap into the global job market with high-paying positions.

### What Will You Learn?

Our **PHP Certification Course** is designed to give you a deep understanding of PHP programming, along with practical skills that you can immediately apply to real-world projects.

#### Course Breakdown:

##### 1. Introduction to PHP

- Understanding PHP, its history, and its role in web development.
- Setting up a development environment and tools (XAMPP, WAMP, LAMP).
- Understanding PHP syntax, structure, and how to write PHP scripts.

##### 2. PHP Syntax & Basic Programming

- Variables, Constants, Data types, Operators.
- Conditional Statements: if, else, switch.
- Loops: for, while, do-while.
- Functions and Scope.
- Error handling and debugging in PHP.



### 3. Working with Forms and User Input

- Handling HTML forms with PHP.
- Validating and sanitizing user input.
- Working with GET and POST methods for secure data submission.
- Session management and cookies.



### 4. PHP Arrays and Data Structures

- Working with arrays in PHP: Indexed and Associative arrays.
- Multi-dimensional arrays and array functions.
- Introduction to data structures like stacks, queues, and linked lists.

### 5. MySQL Database Integration

- Introduction to databases and SQL.
- Connecting PHP with MySQL databases using PHP's mysqli extension.
- Performing CRUD operations: Create, Read, Update, Delete.
- Preparing SQL queries and preventing SQL injection attacks.
- Using PHP with MySQL to create dynamic web pages and applications.

### 6. Object-Oriented Programming (OOP) in PHP

- Introduction to OOP concepts: Classes, Objects, Methods, and Properties.
- Understanding inheritance, polymorphism, and encapsulation.
- Using interfaces, abstract classes, and traits.
- Working with constructors and destructors.



## 7. PHP Frameworks

- Introduction to PHP frameworks (Laravel, Symfony, CodeIgniter).
- Using Laravel for building scalable and maintainable web applications.
- Understanding MVC (Model-View-Controller) architecture in PHP.



## 8. Security in PHP

- Introduction to security best practices.
- Preventing XSS (Cross-Site Scripting) and CSRF (Cross-Site Request Forgery) attacks.
- Using HTTPS, hashing, and password protection.
- Implementing user authentication and authorization.

## 9. Building Real-World Projects

- Build a dynamic, user-friendly website or web application.
- Develop an eCommerce site, content management system, or blog platform.
- Work with APIs and external libraries to integrate third-party services.

### Course Highlights

- **Comprehensive Curriculum:** From basic to advanced PHP programming, we cover everything you need to know to become a proficient PHP developer.



- **Hands-On Projects:** Work on practical projects that give you a strong foundation in real-world application development.

- **Expert Instructors:** Learn from experienced professionals who bring industry knowledge and hands-on experience in PHP development.



- **Job-Ready Skills:** Gain the skills needed to build dynamic, scalable web applications and be job-ready for PHP developer roles.
- **Flexible Learning:** Access the course anytime, anywhere, and learn at your own pace.
- **Certification:** Earn a globally recognized certification that validates your PHP development skills.

### Course Modules

1. **Module 1: Introduction to PHP**
2. **Module 2: Basic Programming Concepts & Syntax**
3. **Module 3: Forms and User Input Handling**
4. **Module 4: Arrays and Data Structures**
5. **Module 5: MySQL Database Integration with PHP**
6. **Module 6: Object-Oriented Programming (OOP) in PHP**



## 7. Module 7: Introduction to PHP Frameworks (Laravel, Symfony)

## 8. Module 8: Security Best Practices in PHP

## 9. Module 9: Real-World Project Development

### Who Should Take This Course?

Our **PHP Certification Training Course** is perfect for:

- **Aspiring Web Developers** who want to learn server-side scripting and build dynamic web applications.
- **Software Engineers** looking to expand their expertise in web development and PHP programming.
- **Tech Enthusiasts** interested in learning PHP for building web projects.
- **Students and Professionals** aiming to enhance their resume and improve their career prospects with PHP expertise.



### Course Format

Format Detail	Description
Duration	3 Months Training + 1 Month Practice
Learning Approach	30% Theory + 70% Practical
Assessment	90-minute certification exam with 60 MCQs
Passing Score	70%
Certification Criteria	Successful project submission + exam pass








## Why Choose TECHELEARN?

- **In-Depth Curriculum:** Learn PHP from the fundamentals to advanced techniques that are crucial for modern web development.
- **Hands-On Learning:** Work on real-world projects to gain practical experience and enhance your problem-solving skills.
- **Expert Mentors:** Our instructors are seasoned professionals who will guide you through every step of the learning process.
- **Flexible Learning:** Study at your own pace with lifetime access to course materials.
- **Industry-Recognized Certification:** Earn a certification that opens doors to lucrative PHP developer job opportunities.
- **Career Support:** Get assistance with resume building, interview prep, and job placement to help you land your dream job.



### Training Modes

-  **Live Instructor-Led Online Training**
-  **Self-Paced Learning + Assignments**
-  **Corporate On-Demand Training Workshops**
-  **Hybrid Model for Flexibility & Impact**

 Includes: Source Code, Assignments, Quizzes, Final Capstone Project & Certificate Exam





## Bonus Add-ons

- ✓ GitHub Portfolio Setup
- ✓ Resume & LinkedIn Optimization
- ✓ Interview Preparation Sessions
- ✓ Lifetime Access to Developer Community




## Partner with TECHELEARN – Upskill Your Team

TECHELEARN offers customized **PHP** training for businesses.

-  Talk to Our Enterprise Team
-  Request a Tailored Group Training Plan

## Get Started Journey Today

Join **11,000+** learners who trust **TECHELEARN** for career-ready skills.

 **PHP** skills are in high demand. Don't just learn—**Master it with TECHELEARN.**





- JOIN US IN THIS EXCITING JOURNEY!**

