



HP TRAINING

Introduction To Php

Learn PHP fundamentals to build dynamic web applications from scratch. Master server-side scripting and database interaction.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This engaging "Introduction to PHP" course, designed for intermediate learners, provides a comprehensive foundation in PHP, the powerful server-side scripting language essential for dynamic web development. Participants will dive deep into PHP's core syntax, control structures, and data handling mechanisms, learning how to build interactive and data-driven web applications. The curriculum emphasizes practical application, empowering students to transform static websites into dynamic, robust platforms.

By the end of this course, you will possess the fundamental skills required to develop and manage server-side logic, interact with databases, and handle user input securely. This expertise is crucial for anyone aspiring to become a proficient web developer, enabling them to create dynamic content, manage user sessions, and contribute to the backbone of modern web applications. Graduates will be well-prepared to tackle more advanced PHP topics or integrate PHP into complex projects.

Level	Intermediate
Vendor	HP

COURSE CURRICULUM

01 Module 1: PHP Fundamentals and Environment Setup

- Introduction to PHP: What is PHP, its history, and role in web development
- Setting up a local development environment (XAMPP/WAMP/MAMP)
- PHP syntax, variables, data types, and operators
- Echoing and printing output
- Understanding server-side vs. client-side scripting

02 Module 2: Control Structures and Functions

- Conditional statements: if, else if, else, switch
- Looping constructs: for, while, do-while, foreach
- Working with arrays: indexed, associative, and multidimensional
- Defining and calling custom functions
- Introduction to built-in PHP functions (string, array, math)

03 Module 3: Handling Forms and User Input

- HTML form creation and submission methods (GET vs. POST)
- Retrieving and processing form data in PHP
- Data validation and sanitization techniques
- Error handling and user feedback

04 Module 4: PHP and Database Interaction (MySQL)

- Introduction to relational databases and SQL basics
- Connecting PHP to MySQL using MySQLi (Procedural & Object-Oriented)
- Performing CRUD operations: INSERT, SELECT, UPDATE, DELETE
- Displaying data from a database on web pages
- Introduction to prepared statements for security

05 Module 5: Session Management and Basic Security

- Understanding HTTP statelessness
- Implementing sessions and cookies for user tracking

- Managing user authentication and authorization basics
- Introduction to common web vulnerabilities (SQL Injection, XSS) and prevention
- File inclusion and basic file handling

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior PHP Developer**
- > **Backend Web Application Developer**
- > **Web Content Management System (CMS) Integrator**

FREQUENTLY ASKED QUESTIONS

Q: What prior programming experience is recommended before enrolling in this "Introduction to PHP" course?

While this course is an "Introduction," it's designed for intermediate learners. We highly recommend participants have a foundational understanding of HTML and CSS, along with basic programming logic concepts (like variables, conditionals, and loops) from any other programming language. Familiarity with command-line interfaces will also be beneficial but not strictly required.

Q: Beyond basic syntax, what practical web development skills will I be able to implement immediately after completing this "Introduction to PHP" course?

Upon completion, you will be able to build dynamic web forms that process user input, connect to a MySQL database to store and retrieve data, display dynamic content on web pages, and implement basic user session management. You'll have the foundational skills to create interactive web applications and contribute to backend development projects.

Q: How does this "Introduction to PHP" course prepare me for working with popular PHP frameworks like Laravel or Symfony?

This course lays the essential groundwork for understanding PHP frameworks. You will gain a solid grasp of core PHP principles, object-oriented concepts (where applicable in intermediate topics), database interaction, and routing — all of which are fundamental building blocks for modern frameworks. While frameworks aren't covered directly, the skills learned here are directly transferable and necessary for a smooth transition into learning and utilizing frameworks like Laravel or Symfony effectively.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading

technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

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50+

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READY TO ENROL?

Take the next step in your technology career.

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