



PHP

SYNTAX . OOP . COMPOSER .
MYSQL . PDO . SESSIONS . W
LARAVEL . SECURITY . DEPLO

DURATION

45 Hours

LEVEL

**Beginner to
Advanced**

MODULES

8

MODE

**Classroom •
Online • Hybrid**

01 COURSE OVERVIEW

A PHP course covering modern language features, database work and the Laravel framework. Modern PHP is taught with types, namespaces, Composer and PSR standards — not legacy patterns. Database access with PDO, sessions and security come next, followed by a Laravel application with Eloquent, Blade and authentication.

Learners build a plain-PHP CRUD application and a Laravel application.

WHO IT IS FOR

Web developers maintaining PHP codebases

WordPress developers going deeper

Beginners targeting web development jobs

Freelancers building client sites

PREREQUISITES

Basic HTML and CSS knowledge.

02 LEARNING OUTCOMES

01 Write typed, namespaced modern PHP.

03 Query databases safely with PDO and prepared statements.

05 Prevent injection, XSS and CSRF.

07 Test and deploy a PHP application.

02 Manage dependencies with Composer.

04 Handle sessions, cookies and authentication.

06 Build applications with Laravel routing, Eloquent and Blade.

01 PHP BASICS

Syntax

Arrays

Includes

CLI usage

LAB

SCRIPTS

Types and type declarations

Functions

Error reporting

02 OBJECT-ORIENTED PHP

Classes

Namespaces

Static and abstract

Exceptions

Interfaces and traits

Autoloading

Enums

03 FORMS AND SESSIONS

GET and POST

File uploads

Cookies

LAB

FORM HANDLING

Validation and sanitisation

Sessions

Flash messages

04 DATABASES

MySQL schema design

Prepared statements

Migrations

LAB

CRUD APPLICATION

PDO

Transactions

Query performance

05 SECURITY

SQL injection

CSRF tokens

Session fixation

Headers

XSS

Password hashing

File upload risks

06 COMPOSER AND STANDARDS

Composer packages

Autoloaders

Logging with Monolog

PSR-4 and PSR-12

Environment configuration

07 LARAVEL

Routing

Blade templates

Migrations and seeders

Auth scaffolding

Controllers

Eloquent ORM

Validation

LAB

LARAVEL APP

08 TESTING AND DEPLOYMENT

PHPUnit

Feature tests

Composer deploy

Pest basics

Apache and Nginx configuration

Caching and queues

PROJECT

DEPLOYED LARAVEL APPLICATION

04 ASSESSMENT & CERTIFICATION

Module assignments and labs

25%

Mini projects

20%

Internal assessments

15%

Final project and review

40%

CERTIFICATION

Learners who complete all modules, submit the final project and clear the review receive a course completion certificate from Kaizen Infinities Private Limited. Project work is documented for the learner's portfolio, and interview preparation is included in the closing sessions.

05 CAREER OUTCOMES

ROLES THIS PROGRAMME PREPARES FOR

PHP DEVELOPER

LARAVEL DEVELOPER

WEB DEVELOPER

FULL STACK DEVELOPER

WORDPRESS DEVELOPER

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