

PHP Web Development Course Overview

Target Audience

- Beginners who want to start a career in backend or full-stack web development.
 - Students or recent graduates in Computer Science who want practical, hands-on PHP skills.
 - Entrepreneurs who want to build dynamic websites or custom systems (blog, e-commerce, dashboard...).
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Course Schedule and Format

- **Total Duration:** 6 Weeks
- **Breakdown:** 1 week fundamentals, 4 weeks PHP + MySQL, 1 final project week
- **Schedule:** 2 sessions per week
- **Session Length:** 1 hour and 30 minutes
- **Platform:** Google Meet
- **Course Management:** Google Classroom
- **Assignments:** Coding tasks after every session
- **Investment:** 100\$

PS: Final week is dedicated to project work + 1:1 meetings.

Weekly Breakdown

Week 1 — Web Basics + PHP Foundation

Session 1: Introduction to PHP & Web Basics

- How websites work (Frontend vs Backend)
- Installing XAMPP
- First PHP script
- PHP syntax, variables, data types

Session 2: Control Flow

- if, else, elseif
 - switch
 - Loops: for, while, foreach
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Week 2 — PHP Core Programming

Session 3: Functions & Reusable Code

- Creating functions
- Function parameters & return
- Scope and includes

Session 4: Arrays & Superglobals

- Indexed & associative arrays
 - Working with \$_GET, \$_POST, \$_SERVER
 - Sessions & cookies (intro)
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Week 3 — Forms & Validation

Session 5: Working With Forms

- HTML forms + PHP processing
- GET vs POST
- Input validation
- Error messages

Session 6: Sessions & Cookies (Authentication Basics)

- Starting sessions
 - Login-state logic
 - Using cookies safely
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Week 4 — Databases & CRUD

Session 7: MySQL + phpMyAdmin

- Setting up database
- Connecting PHP to MySQL
- SELECT, INSERT, UPDATE, DELETE
- Prepared statements

Session 8: Full CRUD Operations

- Display table data
 - Add, edit, delete items
 - Handling errors + security basics
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Week 5 — Building a Real PHP Website

Session 9: Authentication System

- Registration
- Password hashing
- Login & logout
- Protecting pages

Session 10: Mini Project Build

- Choose project (blog / inventory / student system)
 - Implement CRUD + login
 - Styling with simple CSS
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Week 6 — Final Project Week

- No live sessions
- Students build their final project
- 1:1 mentoring meetings for support
- Final submission + feedback