



PHP

Learn Object Oriented PHP 7 and Build Your Own MVC [75 Hrs]

Instructor: Pondit Team

E-Mail:

Phone:

Overview

The changing role of developers and technologies around the world, we have introduced a brand new master course to become a Web Apps Developer.

With the fast paced nature of technology, developers can no longer become experts in aspects of development, but now must learn the entire process of development from design to actual deployment.

The course covers all the fundamental core concepts needed to get started quickly with PHP. Learn and practice the code presented within the course to discover what you can do with PHP. PHP is one of the most popular programming languages today. PHP is flexible and allows the developer an easy to learn programming language that can be very powerful.

PHP is everywhere and learning more about how to code using PHP is an in demand skill.

That's not it! In addition to theory based learning, the course also focuses on practical applications by covering multiple projects, helping you learn with hands-on experience.

Let's look at the different technologies and frameworks that you will learn:

Backend – PHP 7

Database – MySQL

Debugging/Version Control – GIT, Debuggers (Fire debug)

Audience

1. Student who want to become the Full Stack Web Developers will find this course very beneficial

Prerequisites

This Course Require Previous Knowledge of

- Basic HTML5
- Basic CSS3
- Bootstrap 4
- Basic JavaScript

Course Information

- Duration : 75 Hours
- Day : Saturday, Sunday
- Time :
- Reg. Start : Nov 26, 2018
- Reg. End : Feb 1, 2019
- Class Start : Feb 2, 2019

2. Front-end Developers who want to learn backend programming

Evaluation

Successful completion of the course requires the completion of a project using PHP and MySQL.

Curriculum

1. Course Introduction
 - 1.1. Introduction
 - 1.2. About The Course
2. Git & Version Control
 - 2.1. Getting Started With Git
 - 2.2. Installing Git In Windows
 - 2.3. Working With A Local Repository
 - 2.4. Working With A Remote Repository
3. Backend Programming with PHP 7
 - 3.1. Getting Started With PHP
 - 3.2. Laragon Environment Setup
 - 3.3. Basic PHP Syntax
 - 3.4. PHP Variables & Constants
 - 3.5. PHP Data Types & Dates
 - 3.6. PHP Arrays (Associative & Multi-Dimensional)
 - 3.7. If, Else and Elseif Statements
 - 3.8. PHP Loops: While, For, Foreach
 - 3.9. PHP Functions & Arguments
 - 3.10. PHP Build-In Functions(Variable Handling Functions)
 - 3.11. PHP Build-In Functions (Array Functions)
 - 3.12. PHP Build-In Functions (String Functions)
 - 3.13. PHP Build-In Functions (File Functions)
 - 3.14. \$_POST & \$_GET Superglobals
 - 3.15. Require, Include
 - 3.16. Scoping Rules and the Global Keyword - PHP Project: Convert a Static Website into a Dynamic PHP Site
 - 3.17. Type Juggling and Type Casting
4. Database Design using MySQL
 - 4.1. Getting Started With MySQL
 - 4.2. An Overview of SQL
 - 4.3. XAMPP and MySQL Setup
 - 4.4. Creating Your First MySQL Database
 - 4.5. phpMyAdmin Overview
 - 4.6. MySQL Database Insight
 - 4.7. MySQL Data Types

- 4.8. Create Tables, Columns and Insert Data
- 4.9. Creating an Auto Incrementing Primary Key
- 4.10. Loading sql Files into MySQL
- 4.11. Part 1 - Selecting Data
- 4.12. Part 2 - Distinct, Aliases & Concat
- 4.13. Update, Delete & Alter
- 4.14. WHERE, LIMIT and GROUP by Clauses - Project: Basic DB operation project
- 4.15. Table Relationships
- 4.16. Introduction to Joins
- 4.17. Types of Joins
- 4.18. Establishing a MySQL Connection with PHP
- 4.19. Selecting Data from a Database and Displaying it on Your Web Page
- 4.20. Using PDO
- 4.21. Insert Data into Your Database from a Web Page
- 4.22. Creating and Using Views
- 4.23. Password Hashing (for securely storing passwords)
- 4.24. Using PHP Sessions to Store Global Variables
- 4.25. PHP Cookies - Project: Code a Login Form, Profile Page & Logout

5. OOP Using PHP

- 5.1. Getting Started With PHP OOP
- 5.2. Objects and Classes
- 5.3. Inheritance
- 5.4. Overriding
- 5.5. Scope Resolution Operator
- 5.6. Encapsulation/visibility
- 5.7. Polymorphism
- 5.8. Abstraction
- 5.9. Magic Method
- 5.10. Interface
- 5.11. Traits
- 5.12. Static Keyword
- 5.13. Type Hinting
- 5.14. Autoloading Classes
- 5.15. Composer

6. Errors in PHP

- 6.1. PHP Errors, Debugging & Config
- 6.2. PHP Error Types
- 6.3. Error Reporting & Triggering Errors
- 6.4. Helpful Functions For Debugging
- 6.5. PHP Exceptions

7. Bonus - PHP Framework

- 7.1. About Laravel
- 7.2. Laravel Installation