
Course: Core PHP
Total Classes: 21

Web pages are not going anywhere anytime soon. And, neither is the demand for PHP. Whether it's your own personal project or a commercial project, PHP would be used either fully or in parts. This course is for beginners who want to learn PHP from basic level. The goal of this course is to enable you to write dynamically generated web pages quickly using PHP in server side script, MySQL as database and JavaScript as client side script. This course will touch upon advanced topics like AJAX, concept of OOPs with PHP etc. You'll also learn how to conceptualize and plan a project.

Course Content

Introduction..... 1.5 Class

- What is PHP
- What is Mysql
- What is Apache
- What is LAMP,XAMPP, WAMP
- Installation of PHP
- The Origin of PHP
- PHP is better than Its alternatives
- How PHP works with the Web Server
- Hardware and Software requirements
- Hello World Program
- php.ini file
- Basic HTML tags
- HTML tabular structure
- Combine HTML and PHP code

Basic PHP Development.....1 class

- How PHP scripts work
- Basic PHP syntax
- PHP variables
- Super global variables
- PHP data types
- Display type information
- Test for a specific data type
- Operators
- Variable manipulation
- Dynamic variables
- String in PHP

Control Structures.....1.5 class

The if statement
Using the else clause with if statement
Multiple if
Nested if
The switch statement
Summary

Loops1 class

The while statement
The do while statement
The for statement
Break & continue
Nesting loops

Arrays.....1 class

Single-Dimensional Arrays
Multidimensional Arrays
Casting Arrays
Associative arrays
Accessing arrays
Getting the size of an array
Looping through an array
Looping through an associative array (For each loops)
Examining arrays
Joining arrays
Sorting arrays
Sorting an associative arrays

Functions.....1 class

Pre-Defined Function

- Array function
- String function
- Other important functions

User Defined Function

- Defining a function
- Returning value from function
- Dynamic function calls
- Accessing variable with the global statement
- Function calls with the static statement
- Setting default values for arguments
- Call by Value
- Call by reference

Working With Forms.....1 class

- Forms
- The server array
- A script to acquire user input
- Importing user input
- Accessing user input
- Using hidden fields
- Redirecting the user
- File upload and scripts

Validation.....1 class

- Server side validation
- Java script validation
- Java script basics
- Working with Regular Expressions

Object Oriented programming.....3 class

- What is Object oriented programming
- Define a class
- Creating an object
- Object properties
- Object methods
- Object constructors and destructors
- Magic methods
- Class constants
- Access Modifier
- Class inheritance
- Abstract classes and methods
- Interface

Mysql.....3 class

- Introduction to RDBMS
- Connecting to the MYSQL
- Selecting a database
- Finding out about errors
- Adding data to a table
- Acquiring the value
- Finding the number of rows
- Inserting data
- Entering and updating data
- Write Store Procedures

Cookies.....1 class

- The anatomy of a cookie
- Setting a cookie with PHP
- Deleting a cookie
- Creating session cookie
- Working with the query string
- Creating query string

Session.....1 class

- What is session
- Starting a session
- Working with session variables
- Destroying session
- Passing session Ids
- Encoding and decoding session variables

Working With the File System.....1 class

- Creating and deleting a file
- Reading and writing text files
- Working with directories in PHP
- Checking for existence of file
- Determining file size
- Opening a file for writing, reading, or appending
- Writing Data to the file
- Reading characters

Disk Access, I/O, And Mail.....2 class

- File upload
- File download
- E-mail in PHP
- Random numbers

AJAX with native Java script.....1 class

Project Work & Discussion