

PHP: An Introduction (Linux)

Course length: 1 day

Course Description

You have created static web pages using HTML. You now desire to use the features of PHP 5.2.5 for creating dynamic websites. In this course, you will acquaint yourself with PHP by working with its common script elements, use PHP script elements to create forms, address the stateless nature of HTTP by setting cookies and session variables in your scripts, and write the data entered in a form to a database.

Course Objective: You will get acquainted with PHP, work with common PHP script elements, work with forms, address the stateless nature of HTTP, and access and manipulate data in PHP.

Target Student: This course is designed for a student who is well versed in HTML and has basic knowledge of Linux OS, and at least some experience with scripting languages and SQL.

Prerequisites: To ensure your success, we recommend you first take the following courses or have equivalent knowledge: HTML Programming: Level 1, HTML Programming: Level 2, Introduction to Programming, and SQL Fundamentals of Querying.

Delivery Method: Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

Performance-Based Objectives

Upon successful completion of this course, students will be able to:

- Familiarize themselves with PHP.
- Work with common PHP script elements.
- Work with forms.
- Address the stateless nature of HTTP.
- Access and manipulate data with PHP.

Course Content

Lesson 1: Getting Acquainted with PHP

Topic 1A: Understand PHP

Topic 1B: Use the Basic Syntax of PHP

Topic 1C: Use HTML and PHP

Topic 1D: Add Comments

Lesson 2: Working with Common PHP Script Elements

Topic 2A: Use Variables and Constants

Topic 2B: Work with Control Structure Statements

Topic 2C: Work with Arrays

Topic 2D: Use Functions

Topic 2E: Implement Object-Oriented Programming

Topic 2F: Include Content from Files



Lesson 3: Working with Forms

Topic 3A: Create a Form

Topic 3B: Validate a Form

Topic 3C: Email Data

Lesson 4: Addressing the Stateless Nature of HTTP

Topic 4A: Set Cookies and Session Variables

Topic 4B: Write Scripts Using Hidden Form Fields

Lesson 5: Accessing and Manipulating Data with PHP

Topic 5A: Interact with Databases

Topic 5B: Modify Database Records Using PHP

Topic 5C: Access Files and Directories

