

# **Beginning PHP5**

## **Course Description:**

*Beginning PHP5* begins with the basics and builds up to the design and construction of complex data-driven Web sites. Fully functioning applications are developed throughout the course. Other features of troubleshooting tips, introduction to relational databases, practical working examples and applications.

## **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
- SQL Fundamentals of Querying

## **Course Modules:**

Introduction.

Getting Up and Running.

Writing Simple Programs.

PHP, HTML, and State.

Decisions, Loops, and Arrays.

Robust and Healthy Code.

Writing High-Quality Code.

Files and Directories.

XML.

An Introduction to Databases and SQL.

Retrieving Data from MySQL Using PHP.

Using PHP to Manipulate Data in MySQL.

An Introduction to Object-Oriented Programming.

Working with UML and Classes.

PEAR.

PHP5 and E-Mail.

Generating Graphics.

Case Study: A PHP Logging Agent.