

PHP Programming

Course Name	PHP Programming
Course Description	PHP Programming is a complete introductory course to the PHP language. It includes coverage of all areas for both version 4 and version 5 of the language and provides the student with the necessary tools to write scripts that are secure, efficient and reliable.
Target Population	<ul style="list-style-type: none"> • Developers who are switching to PHP from another web language • Web developers who want to learn PHP • Developers who are familiar with PHP and want to improve and solidify their knowledge
Pre-requisites	Basic knowledge of Java Script and HTML – Recommended
Course Objectives	<p>Upon completion of the course, participants will be able to:</p> <ul style="list-style-type: none"> • Read and understand PHP code • Write procedural PHP code • Write Object-oriented code • Interact with the Web • Understand and manipulate data • Understand and use the language's APIs • Understand and implement complex object-oriented code • Understand and utilize PHP's XML-manipulation APIs • Implement complex and advanced regular expressions
Course Topics	<ul style="list-style-type: none"> • Language Essentials <ul style="list-style-type: none"> ○ Scripts ○ Variables ○ Operators ○ Control Structures ○ Forms • Strings <ul style="list-style-type: none"> ○ Quoting Styles ○ Comparing ○ Matching ○ Formatting ○ Parsing • Arrays <ul style="list-style-type: none"> ○ Using arrays ○ Manipulating arrays • Sessions <ul style="list-style-type: none"> ○ HTTP and statelessness ○ Cookies and state ○ PHP sessions

	<ul style="list-style-type: none">• Functions<ul style="list-style-type: none">○ Creating and Using Functions• File Inclusion• Object-oriented Programming<ul style="list-style-type: none">○ PHP 4○ PHP 5• Files<ul style="list-style-type: none">○ Reading from files○ Writing to files○ PHP 5 magic○ Streams• Database Programming<ul style="list-style-type: none">○ The SQL language○ Database design○ Using MySQL○ Using SQLite
Course Duration	3 days (24 hours)