

# PHP Developer (00)

## Prerequisites / Further Training

- [Beginner PHP](#) (Non 00 PHP Fundamentals and Practical skills)
- [Advanced PHP](#) (Non 00 PHP Fundamentals and Practical skills)
- [Beginning SQL](#) (SQL DB Design and Querying)
- *PHP Developer (00) (Advanced 00 PHP and API's)*
- [PHP / Laravel Developer](#) (Mastering Laravel Framework with PHP)
- [Git / Github](#) (Collaborate on Projects using Git / Github)

Also have a look at our [PHP Bootcamp](#)

## Course Contents

### Day 1

- Multidimensional Arrays and usage
- Advanced Function Definitions
- Heredoc Syntax
- printf() and sprintf()
- Modularising a website
- Improved SEO with mod\_rewrite
- Affecting the Browser cache
- Storing sessions in a database
- Creating Stored Functions
- Displaying Results Horizontally

### Day 2

- OOP Theory
- Classes
- Objects
- Constructors
- UML

- phpDocumentor
- Advanced Theories
- Inheriting Classes
- Inheriting Constructors and Destructors
- Overriding Methods
- Access Control
- Scope Resolution Operator
- Creating Static Members
- Abstract Classes and Methods
- Interfaces
- Traits
- Type Hinting
- Namespaces

### **Day 3**

- Design Patterns
- Singleton
- Factory
- Composite
- Strategy
- Using Existing Classes
- Catching Exceptions
- Extending the Exception Class
- Using PDO
- Using the standard PHP Library
- Creating a full example CMS the OO way
- Goals
- Database
- Template
- Utilities File
- Error View File
- Defining the Classes
- Home Page
- Viewing a Page
- HTML\_QuickForm2
- Logging Out

- Adding Pages

## **Day 4**

- Networking with PHP:
- Accessing other web sites
- Working with Sockets
- IP Geolocation
- cURL
- Creating Web Services
- PHP and the Server:
- Compressing Files
- Establishing a cron
- Using MCrypt
- PHP's Command-Line Interface:
- Testing your Installation
- Executing Bits of Code
- Interactive PHP CLI
- Creating a command-line script and running it
- Command-Line Arguments
- Taking Input
- Built-In Server

## **Day 5**

- XML and PHP:
- XML Syntax
- Attributes, Empty Elements, Entities
- XML Schemas
- Parsing XML
- Creating an RSS Feed
- Debugging, testing and performance:
- Debugging Tools
- Unit testing
- Profiling Scripts
- Improving Performance

## **Duration and pricing**

- *Full-time* over 5 days (R9995)
- *Part-time* over 4 weeks (2 nights per week, 3 hour sessions) (R11995)
- *Part-time* over 8 Saturdays, 3 hour sessions (R11995)
- Please note : For *part-time* courses we do not have a fixed schedule and you will be placed on a waiting list until we get a group of 4+ together. Please book with no dates on the bookings form. This will automatically put you on the waiting list. We will confirm with you as soon as we have a part-time group together.
- [Distance-learning](#) over up to 3 months (R9995)
- International exams are not included in the course price.
- Prices exclude Vat for Vat-registered companies

## **Certificate**

1. Upon completion of this course we will issue you with attendance certificate to certify your attendance and / or completion of the prescribed minimum examples.
2. You may sit for our competency assessment test and on passing you will obtain our competency certificate.
3. Our competency assessment can be booked and taken by someone who has not attended the course at a cost of R950.

## **Bookings**

You can download the course registration form on our home page or by clicking [here](#)

## **Brochure**

You may download a pdf copy of this page by clicking on the pdf icon at the top of the page.

## **Questions**

Please [email us](#)

## **Schedule**

On the calendar below. If your browser doesn't display the calendar below, please click on [this link](#) or try using [Google Chrome](#), alternatively please enquire via our [Contact Us](#) page.