



# CODEIGNITER TRAINING CURRICULAM

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# Advanced PHP MySQL - Syllabus (90 Hrs.)

## Module 1: Fundamentals of Web Technology

- Introduction to Web Technology
- Introduction to HTML 5
- Introduction to CSS
- Using Bootstrap Framework

## Module 2: Core PHP

- Fundamental Concepts of OOP
- Introduction to PHP
- Basic Syntax
- PHP Identifiers
- PHP Operators
- Conditional Statements and Loops
- HTTP Verbs & Methods
- PHP Global Variables
- Session & Cookies
- Functions
- String Manipulation & Patterns
- Sending Email

- File Uploading
- JQuery Basics / JQuery AJAX

### **Module 3: Database Operations**

- Introduction to Database
- Introduction to SQL
- Introduction to Database, Tables & Fields
- Connection to MySQL Database
- Database Operations
- Database Functionality
- Data Modeling
- Implementing the Query
- Patterns in Database Design
- Stored Procedures & Triggers
- Joins & Types of JOINS
- Key Constraints

### **Module 3: Web security in PHP**

- Introduction to Web Security
- Client Side form Validation
- Server Side Validation
- Html 5 Form Validation
- Session & Cookie Protection

## **Module 4: PHP Frame works**

- Basic structure of MVC
- Create Controller
- Create Model
- Create views
- Database Configuration

## **Module 5: A Project on PHP using database**