Php

- ### *An Introduction to PHP*

  - ✓ An Abbreviated History.
  - ✓ Characteristics of PHP
  - ✓ User Affirmations
  - ✓ An Introductory Example
  - ✓ Downloading PHP/Apache
  - ✓ Installation and Configuration
  - ✓ PHP Configuration
  - ✓ Basic PHP Constructs

- ### *Variables and Data Types*

  - ✓ Integer Values
  - ✓ Floating-Point Numbers
  - ✓ String Values
  - ✓ Arrays
  - ✓ Objects
  - ✓ Boolean, or True/False, Values
  - ✓ Identifiers
  - ✓ Variables
  - ✓ Type Juggling
  - ✓ Type Casting
  - ✓ Variable Assignment
  - ✓ Variable Variables
  - ✓ Predefined Variables
  - ✓ Constants

- ### *Expressions, Operators, and Control Structures*

  - ✓ Expressions
  - ✓ Control Structures
  - ✓ Project: Develop an Events Calendar

- ### *Functions*

  - ✓ What Is a Function?
  - ✓ Function Definition and Invocation
  - ✓ Nested Functions
  - ✓ Returning Values from a Function
  - ✓ Recursive Functions
  - ✓ Variable Functions. .
  - ✓ Building Function Libraries

- ### *Arrays*

  - ✓ Creating Arrays
  - ✓ Multidimensional Arrays
  - ✓ Referencing Multidimensional Arrays
  - ✓ Locating Array Elements.
  - ✓ Adding and Removing Elements
  - ✓ Traversing Arrays
  - ✓ Array Size
  - ✓ Sorting Arrays
  - ✓ Other Useful Functions.

- ### *Object-Oriented PHP*

  - ✓ PHP and OOP
  - ✓ Classes, Objects, and Method Declarations.
  - ✓ Class and Object Functions

✓ *File I/O and the File System*

- ✓ Verifying a File's Existence and Size
- ✓ Opening and Closing I/O
- ✓ Writing to a File
- ✓ Reading from a File
- ✓ Reading a File into an Array
- ✓ Redirecting a File Directly to Output
- ✓ Opening a Process File Pointer with popen() .
- ✓ Opening a Socket Connection
- ✓ External Program Execution
- ✓ Working with the File System
- ✓ Displaying and Modifying File Characteristics
- ✓ Copying and Renaming Files
- ✓ Deleting Files
- ✓ Working with Directories

✓ *PHP and Dynamic Site Development*

- ✓ Simple Linking
- ✓ File Components (Basic Templates)
- ✓ Project: Build a Page Generator

✓ *Forms*

- ✓ An Introduction to Forms
- ✓ Forms and PHP
- ✓ Error Checking
- ✓ Dynamic Forms Construction

- ✓ Project: Create a Guestbook

☐ *Databases*

- ✓ What Is SQL?
- ✓ PHP's Extensive Database Support
- ✓ MySQL
- ✓ PHP's Predefined MySQL Functions
- ✓ ODBC
- ✓ Project: Create a Bookmark Repository

☐ *Templates*

- ✓ What You've Learned So Far
- ✓ Developing an Advanced Template System
- ✓ Project: Create an Address Book

☐ *Cookies and Session Tracking*

- ✓ What Is a Cookie?
- ✓ Unique Identification Numbers
- ✓ Session Handling
- ✓ Project: Create a Visitor Log

☐ *Security*

- ✓ Configuration Issues
- ✓ Coding Issues
- ✓ Data Encryption
- ✓ E-Commerce Functions
- ✓ User Authentication