

Course Outline



Tel: +44 (0) 118 979 4000 Fax: +44 (0) 118 979 4000

Email: training@ptr.co.uk Web: www.ptr.co.uk

VBScript Programming

Course Description:

Students will learn to use or create VBScript variables, arithmetic and logical operators, built-in and custom functions, and conditional statements and loops, as well as understand variant sub-types.

Instructor-led, group-paced, classroom-delivery learning model with structured hands-on activities.

Benefits: Students will learn how to turn their Web pages from static text and images into functional, interactive, and dynamic communications and e-commerce tools.

Target student: Students enrolling in this course should understand the Windows user interface, Windows-based applications, and be proficient with advanced-level HTML.

Pre-requisites:

A working knowledge of advanced-level HTML. Programming experience is helpful, but not required.

Course Content:

- **VBScript & the Web**
 - VBScript Popularity
 - VBScript Defined
 - Platform or Host Dependence
 - Scripting Languages

- **VBScript Basics**
 - Embedding VBScript in HTML
 - VBScript to Display Information
 - Hiding VBScript from Older Browsers
 - Code Documentation & Formatting

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Registered Office: Grenville Court Britwell Road Burnham Bucks SL1 8DF Company Registered No: 2442290 – VAT registration No:532 1929 56

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- **Variables, subtypes & Constants**
 - Variable Defined
 - Declaring Variables
 - Naming Variables
 - Variants & Subtypes
 - Assigning Values to Variables
 - Determining Variant Subtype
 - Data Subtype Conversion
 - Numeric & Literal Constants

- **Arrays**
 - Groups of Similar Variables
 - One-Dimensional Arrays
 - Multi-Dimensional Arrays

- **VBScript Operators**
 - VBScript Operators
 - Arithmetic Operator Precedence
 - Comparison Operators
 - Logic Operators
 - String Concatenation

- **VBScript Procedures**
 - Procedures
 - Subroutine Procedures
 - Scope of Variables
 - Function Procedures
 - Randomize & RND

- **Program Control & Structure**
 - Control Statements
 - Four Control Structures
 - Using Loops
 - Topic title

- **Strings & Numbers**
 - Strings
 - Formatting Numbers

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- **Message & Input Boxes**
 - Message Box
 - Input Boxes

- **Dates & Times**
 - Dates & Times
 - Splitting Up Dates & Times
 - Page Updates

- **The Document Object Model**
 - What Does VBScript Manipulate?
 - History & Background of the DOM
 - Properties, Methods, Events & Collections
 - Internet Explorer 5.x DOM

- **Event Handlers**
 - Top-Down vs. Event-Driven Programming
 - Mouse Events
 - Keyboard Events
 - Validation & Error Handling

Course Duration:

3 Days