

Overview

Are you struggling to find time to learn new skills that boost your productivity? At The IT Training Surgery, we offer flexible learning options to fit your schedule. Our Excel VBA course can be delivered live online or in person, with expert trainers guiding you every step of the way.

Who should attend?

This course is designed for experienced Excel users who want to leverage VBA to automate repetitive tasks and streamline their workflows.

Prerequisites

A solid understanding of Excel at an advanced level is required.

Course Objectives

By the end of this course, you will:

Master VBA fundamentals: Gain a thorough understanding of VBA and how it empowers you to control Excel.

Automate repetitive tasks: Learn to write VBA code to automate various processes, saving time and effort.

Manipulate spreadsheet data: Explore techniques to manage and modify values within your spreadsheets effectively.

Leverage the object model: Grasp the Excel object model and utilise its properties, methods, and events for enhanced control.

Write efficient code: Develop skills to create well-structured code using variables, conditional statements, and loops.

Build reusable functions: Craft reusable functions to streamline complex tasks and improve code maintainability.

Handle errors confidently: Implement error handling strategies to prevent unexpected issues and ensure robust VBA code.

Create interactive user interfaces: Design custom forms and integrate user-friendly controls for better user interaction.

Course Schedule

The course is divided into seven comprehensive sessions, each focusing on a specific VBA concept:

Session 1: Introduction to VBA

- Exploring the Visual Basic Editor (VBE) environment
- Understanding projects, modules, procedures, and code editing
- Attaching code to events and buttons

Session 2: The Power of Objects

- Demystifying the Excel object model
- Utilising object properties, methods, and events effectively
- Navigating the object browser for efficient code writing

Session 3: Mastering the Range object

- Working with Range and Cell properties to manipulate data within spreadsheets.
- Creating flexible ranges for targeted operations

Session 4: Building blocks of code

- Understanding expressions and statements for precise code construction
- Declaring variables with appropriate data types and managing their scope
- Leveraging InputBox and MsgBox functions for user interaction

Session 5: Controlling the Flow

- Implementing branching logic with If statements and Select Case structures
- Utilising Do Loops and For loops for repetitive tasks with ease

Session 6: Error Handling Essentials

- Understanding error handling concepts and VBA's error-trapping options
- Implementing error trapping with the On Error statement and the Error object

Session 7: User Interaction with Forms

- Exploring built-in dialogue boxes and crafting custom user forms
- Setting control properties and handling user interactions for intuitive interfaces

Enroll today and unlock the power of Excel VBA.



Next step:

To find out more about this course and any others, call **020 8203 1774** or visit www.theittrainingsurgery.com