VBA with Microsoft Excel

Category: Modern Workplace & M365 | **Vendor:** Microsoft Technical

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

VBA (Visual Basic for Applications) enables you to enhance and extend the capabilities of Microsoft Excel and other applications in the Microsoft 365 application suite. You can use VBA to perform tasks that would be difficult or impossible to do using only worksheet functions, and you can automate a wide range of tasks so they can be performed faster, more consistently, and with less effort than performing them manually. This course will give you a good foundation for understanding, creating, and using VBA in your own Excel workbooks. You will learn how to use the macro recorder effectively, as well as how to write your own VBA code from scratch. You will use tools built into Excel to explore and learn VBA's capabilities and to optimize and debug your code.

About This Course

VBA (Visual Basic for Applications) enables you to enhance and extend the capabilities of Microsoft Excel and other applications in the Microsoft 365 application suite. You can use VBA to perform tasks that would be difficult or impossible to do using only worksheet functions, and you can automate a wide range of tasks so they can be performed faster, more consistently, and with less effort than performing them manually. This course will give you a good foundation for understanding, creating, and using VBA in your own Excel workbooks. You will learn how to use the macro recorder effectively, as well as how to write your own VBA code from scratch. You will use tools built into Excel to explore and learn VBA's capabilities and to optimize and debug your code.

Who Should Attend

This course is primarily designed for students who want to gain the skills necessary to use VBA to automate tasks in Excel such as collecting data from external sources, cleaning, and manipulating data. The target student may also want to learn how to create custom worksheet functions to streamline worksheet formulas and make complex worksheets easier to support, maintain, and understand.

Prerequisites & Entry Requirements

General Prerequisites:

To ensure your success in this course, you should be an experienced Excel user who is comfortable creating and working with Excel workbooks, including tasks such as entering worksheet formulas, using absolute and relative addressing, formatting cells, and creating pivot tables and charts. This level of skill could be acquired by taking the Microsoft Excel for Office 365 (Desktop or Online) courses, Parts 1, 2, and 3.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Identify general components of VBA and their appropriate use in solving business solutions. Record VBA macros to automate repetitive tasks. Write VBA code to create VBA subroutines and functions. Use various programming elements to solve problems through code, including variables,objects, conditional statements, and loops. Eliminate, avoid, or handle errors in VBA code, and optimize its performance.

Detailed Course Outline

1. Using VBA to Solve Business Problems

- Use Macros to Automate Tasks in Excel
- Identify Components of Macro-Enabled Workbooks
- Configure the Excel VBA Environment

2. Recording a Macro

- Use the Macro Recorder to Create a VBA Macro
- Record a Macro with Relative Addressing
- Delete Macros and Modules
- Identify Strategies for Using the Macro Recorder

3. Writing VBA Code Directly

- Write VBA Code
- Discover Objects You Can Use
- Create a Custom Function

4. Solving Problems through Code

- Make Decisions in Code
- Work with Variables
- Perform Repetitive Tasks

5. Improving Your VBA Code

- Debug VBA Errors
- Deal with Errors
- Improve Macro Performance

6. Controlling How and When Macros Run

- Prompt the User for Information
- Configure Macros to Run Automatically

Frequently Asked Questions

Q: What delivery options are available for VBA with Microsoft Excel?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 1-day VBA with Microsoft Excel course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the VBA with Microsoft Excel training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for VBA with Microsoft Excel?

Yes, we provide corporate training, dedicated training, and closed classes for VBA with Microsoft Excel. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for VBA with Microsoft Excel?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your VBA with Microsoft Excel training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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