

COURSE OVERVIEW

Course Name:
Microsoft Excel 2016:
Programming in Visual
Basic

COURSE DURATION: 5 Days

Gauteng:

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Gauteng:

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Cape Town:

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COURSE OVERVIEW

This course focuses on Visual Basic for Applications (VBA), the programming language built into Excel (and other applications that make up Microsoft Office). More specifically, it will show you how to write programs that automate various tasks in Excel.

COURSE OBJECTIVES

This course covers everything from recording simple macros through creating sophisticated user-oriented applications and utilities.

You will

- Analyse an Excel application development and have a complete understanding of the introduction to VBA.
- Learn techniques needed to create Excel applications, both large and small.
- Learn how to use VBA to navigate the Excel interface and format worksheets.
- Learn tips, tricks, and techniques for expanding Excel's capabilities with VBA.

COURSE OUTLINE

Lesson 1

- Recording Macros
- Absolute and Relative Macros
- Assigning Macros to Custom Buttons
- Assigning Macros to Images

Lesson 2

- Excel Charting for the Uninitiated
- Working with Chart Series
- Formatting and Customising Charts
- Components that show

Lesson 3

- Introducing the VBA Editor
- VBA Language Elements
- Variables and Data Type Declaration Buttons
- Assignment Statements
- Array and Object Variables

Lesson 4

- Built-in Functions
- Defining New Functions Procedures

Lesson 5

- Manipulating Objects and Collections
- Controlling Code Execution

Lesson 6

- Manipulating Excel Range Objects
- Programming with Worksheet and Worksheet Objects
- Event Handler Procedures

Lesson 7

- Using Form Controls
- Using ActiveX Controls
- Working with User Forms

Lesson 8

- Specialised Tools in VBA
- Programming with PivotTable Objects
- Programming with Chart Objects