

## Programming in VBA. Using Microsoft Excel 2016

### Brief description & Course outline

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The skills and knowledge acquired in this course are sufficient to be able to create real life working VBA applications within Excel. The learner will be able to work with VBA within the Excel environment to program and automate worksheet operations.

At the completion of this course you should be able to:

- o understand the Excel object model and **VBA** concepts
- o work effectively with the main features of the **VBA** Editor window
- o create procedures in **VBA**
- o create and use variables
- o create and work with use-defined functions in **VBA**
- o write code to manipulate **Excel** objects
- o use a range of common programming techniques
- o create a custom form complete with an assortment of controls
- o create code to drive a user form
- o create procedures that start automatically
- o write a variety of error handling routines

**Prerequisites** - This publication assumes the learner has a good knowledge of working with Excel. The learner should be able to create and edit workbooks, enter formulas, copy, paste, and format data. The learner must also have a general understanding of personal computers and the Windows operating system environment and be able to use File Explorer to locate and copy files.

**Topic Sheets** - 124 topics

**Methodology** - The InFocus series of publications have been written with one topic per page. Topic sheets either contain relevant reference information, or detailed step-by-step instructions designed on a real-world case study scenario. Publications can be used for instructor-led training, self-paced learning, or a combination of the two.

**Formats Available** - A4 Black and White, A5 Black and White (quantity order only), A5 Full Colour (quantity order only), Electronic licence.

**Companion Products** - There are a number of complementary titles in the same series as this publication. Information about other relevant publications can be found on our website at [www.watsoniapublishing.com](http://www.watsoniapublishing.com).

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