



# Programming in VBA

## Using Microsoft Excel 2010



INFOCUS COURSEWARE

Module Series

Order Code: INF1067 ISBN: 978-1-925121-82-7

### ❖ General Description

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,

### ❖ Learning Outcomes

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

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

### ❖ Target Audience

This course is designed for users who wish to learn how to use the inbuilt **VBA** programming language in Excel to enhance their worksheets and automate processes.

### ❖ Prerequisites

This publication assumes the learner has a good knowledge of working with **Excel**. The learner should at least 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 Windows Explorer to locate and copy files.

### ❖ Pages

156 pages

### ❖ Nominal Duration\*

Watsonia Publishing *Modules* are based around a 2-day training program consisting of approximately 14 – 16 hours

### ❖ Student Files

Many of the topics in this book require the learner to open an existing file with data in it. These files can be downloaded free of charge from our web site at [www.watsoniapublishing.com](http://www.watsoniapublishing.com). Simply follow the student files link on the home page. You will need the product code for this course which is **INF1067**.

### ❖ Methodology

The In Focus 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 other complimentary titles in the same series as this publication. Information about other relevant publications can be found on our web site at [www.watsoniapublishing.com](http://www.watsoniapublishing.com).

\* Duration relates to study time only and does not include assessment time. Duration should be used as a guide only. Actual duration will vary depending upon the skills, knowledge, and aptitude of the participants. This information sheet was produced on Wednesday, April 06, 2011 and was accurate at the time of printing. Watsonia Publishing reserves its right to alter the content of the above courseware without notice.



47 Greenaway Street  
Bulleen VIC 3105  
Australia  
ABN 64 060 335 748

Phone: (+61) 3 9851 4000  
Fax: (+61) 3 9851 4001  
info@watsoniapublishing.com  
www.watsoniapublishing.com

Product Information



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47 Greenaway Street  
Bulleen VIC 3105  
Australia  
ABN 64 060 335 748

Phone: (+61) 3 9851 4000  
Fax: (+61) 3 9851 4001  
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