

**❖ General Description**

The skills and knowledge covered in this publication are sufficient to create real-world workbooks and charts, and to use advanced functions and macros to create automated workbooks.

❖ Learning Outcomes

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

- use a range of formula techniques
- work with logical function in **Excel**
- use the mathematical functions in **Excel**
- use the statistical functions in **Excel**
- use a variety of **Financial** functions
- use the date and time functions to perform calculations
- use a range of lookup and reference functions
- use a range of techniques to work with worksheets
- understand and create simple **PivotTable** reports
- create and edit a **PivotChart**
- use a range of techniques to enhance charts
- apply a variety of page setup techniques
- import data into **Excel** and export data from **Excel**
- create and use templates in **Microsoft Excel**
- create recorded macros in **Excel**
- use the macro recorder to create a variety of macros
- work comfortably and safely, be assured that you are a responsible environmental citizen, and effectively manage your files and folders

❖ Target Audience

This publication has been mapped to the **BSBITU402A Develop and Use Complex Spreadsheets** competency and is designed to act as a learning guide covering the technical aspects of the competency. It is primarily designed for people who need to know how to use Microsoft Excel to develop automated and linked workbook solutions.

❖ Prerequisites

This publication assumes a basic knowledge of **Microsoft Excel 2010** consistent with the skills and knowledge detailed in the competency **BSBITU304A Produce Spreadsheets**. It would also be beneficial to have a general understanding of personal computers and the Windows operating system as you will be required to start applications, work with files, and locate folders.

❖ Pages

288 pages

❖ Student Files

Many of the topics in this courseware require you 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. Simply follow the student files link on the home page. You will need the product code for this course which is **INF858**.

❖ Includes

This *Unit Workbook* includes:

- ✓ Competency unit mapping,
- ✓ Complete and comprehensive learning resources,
- ✓ Work-related practice exercises designed to allow the student to develop and practice skills and knowledge and to work within designated timeframes,
- ✓ Comprehensive integrated assessment assignment.

❖ Formats Available

- ❖ A4 Black and White, A5 Black and White (quantity order only), A5 Full Colour (quantity order only), Electronic licence
- ❖ Available also as a *Reference Booklet* (Product Code: **RB - INF858**)





❖ **Additional Teaching Resources**

A *Teacher Resource CD* is available for this workbook (sold separately) which includes a comprehensive test bank, solutions to all practice exercises and assessment activities, more detailed unit mapping documents, learning and assessment plans, additional assessment activities, and a teacher's handbook.

This information sheet was produced on Monday, January 23, 2012 and was accurate at the time of printing. Watsonia Publishing reserves its right to alter the content of the above courseware without notice.

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