

## BSBITU304A Produce Spreadsheets



### Microsoft Excel 2010

InFocus Courseware

**Curriculum Series 3A** 

Order Code: INF857 ISBN: 978-1-921721-84-7

<b>*</b>	General
	Description

for a variety of business purposes.

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

- > understand the origins of and basic uses for spreadsheets
- > navigate your way around *Microsoft Excel 2010*
- > create a new workbook
- > understand, create and work with formulas and functions used to perform calculations

The skills and knowledge acquired in **BSBITU304A Produce Spreadsheets** are sufficient to be able to plan, create, modify, and print a range of different spreadsheets that can be used

- > make changes to data in a workbook
- > use font formatting techniques to greatly enhance the look of a worksheet
- understand and use the number formatting features in Excel
- apply conditional formatting to ranges in a worksheet
- > work with various elements of a worksheet
- print your workbook data
- > create effective charts in *Microsoft Excel*

and the Windows operating system environment.

work comfortably and safely, be assured that you are a responsible environmental citizen, and effectively manage your files and folders

Target Audience

**BSBITU304A Produce Spreadsheets** is designed for users who are keen to learn how to create spreadsheets. It applies to individuals employed in a range of environments who need to know how to create spreadsheets that appearance formatting formulas, and charting

Prerequisites

to know how to create spreadsheets that encompass formatting, formulas, and charting. **BSBITU304A Produce Spreadsheets** assumes little or no knowledge of **Microsoft Excel 2010**. However, it would be beneficial to have a general understanding of personal computers

Pages

244 pages

Student Files

Many of the topics in **BSBITU304A Produce Spreadsheets** require you to open an existing file with data in it. These files can be downloaded free of charge from our web site at <a href="https://www.watsoniapublishing.com">www.watsoniapublishing.com</a>. Simply follow the student files link on the home page. You will need the product code for this course which is **INF857**.

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 INF857)

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.

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**Product Information** 



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#### **Contents**

#### Spreadsheets

- ✓ Understanding How Spreadsheets Work
- ✓ Understanding Spreadsheet Characteristics
- ✓ Understanding Spreadsheet Functionality
- √ The Appropriateness Of Spreadsheets
- ✓ Practice Exercise

#### Getting To Know Microsoft Excel

- √ Starting Microsoft Excel
- ✓ The Excel 2010 Screen
- ✓ How Microsoft Excel 2010 Works
- ✓ Using The Ribbon
- ✓ Using Ribbon Key Tips
- ✓ Minimising The Ribbon✓ Understanding The Backstage
- ✓ Accessing The Backstage View
- ✓ Using Short Cut Menus
- ✓ Understanding Dialog Boxes
- ✓ Launching Dialog Boxes
- ✓ Understanding The Quick Access
- ✓ Adding Commands To The QAT
- ✓ Understanding The Status Bar
- ✓ Exiting Safely From Excel
- √ Practice Exercise

#### Creating A New Workbook

- ✓ Understanding Workbooks
- ✓ Creating A New Workbook
- ✓ Typing Text
- ✓ Typing Numbers
- ✓ Typing Dates
- Typing Formulas
- ✓ Saving A New Workbook
- ✓ Easy Formulas
- ✓ Checking The Spelling
- ✓ Making Basic Changes
- ✓ Printing A Worksheet
- ✓ Safely Closing A Workbook
- ✓ Practice Exercise

#### Formulas And Functions

- ✓ Understanding Cells And Ranges
- ✓ Selecting Contiguous Ranges
- Selecting Non-Contiguous Ranges
- ✓ Using Special Selection Techniques
- Selecting Larger Ranges
- ✓ Selecting Rows
- Selecting Columns
- Understanding Formulas
- ✓ Creating Formulas That Add
- ✓ Creating Formulas That Subtract
- ✓ Formulas That Multiply And Divide
- ✓ Understanding Functions
- Using The SUM Function To Add
- Summing Non-Contiguous Ranges
- Calculating An Average
- ✓ Finding A Maximum Value
- ✓ Finding A Minimum Value
- ✓ More Complex Formulas
- √ What If Formulas
- ✓ Practice Exercise

#### ➤ Editing In A Workbook

- ✓ Using Fill For Quick Copying
- ✓ Copying From One Cell To Another
- ✓ Copying From One Cell To A Range
- Copying From One Range To Another
- ✓ Copying Relative Formulas
- ✓ Understanding Data Editing
- ✓ Overwriting Cell Contents
- ✓ Editing Longer Cells
- ✓ Editing Formulas
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- ✓ Deleting Data In A Cell
- ✓ Using Undo And Redo
- ✓ Absolute Versus Relative Referencing
- ✓ Relative Formulas
- ✓ Problems With Relative Formulas
- ✓ Creating Absolute References
- ✓ Creating Mixed References
- ✓ Practice Exercise

#### > Font Formatting

- ✓ Understanding Font Formatting
- ✓ Working With Live Preview
- √ Changing Fonts
- ✓ Changing Font Size
- ✓ Growing And Shrinking Fonts
- ✓ Making Cells Bold
- ✓ Italicising Text
- ✓ Underlining Text
- ✓ Changing Font Colours
- ✓ Changing Background Colours
- ✓ Using The Format Painter
- ✓ Applying Strikethrough
- ✓ Subscripting Text
- ✓ Practice Exercise

#### ➤ Number Formatting

- ✓ Understanding Number Formatting
- ✓ Applying General Formatting
- √ Formatting As Currency
- √ Formatting Percentages
- ✓ Formatting As Fractions
- √ Formatting As Dates
- ✓ Using The Thousands Separator
- ✓ Increasing And Decreasing Decimals
- ✓ Practice Exercise

#### Conditional Formatting

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- ✓ Formatting Cells Containing Values
- ✓ Clearing Conditional Formatting
- More Cell Formatting Options
- ✓ Top Ten Items
- ✓ More Top And Bottom Formatting Options
- √ Working With Data Bars
- ✓ Working With Colour Scales
- ✓ Working With Icon Sets ✓ Understanding Sparklines
- ✓ Creating Sparklines
- ✓ Editing Sparklines ✓ Practice Exercise





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#### > Working With A Worksheet

- ✓ Understanding Worksheets
- ✓ Changing Worksheet Views
- ✓ Worksheet Zooming
- ✓ Inserting Cells
- ✓ Deleting Cells
- ✓ Inserting Columns
- ✓ Inserting Rows
- ✓ Deleting Rows And Columns ✓ Understanding Cell Alignment
- ✓ Aligning Right
- ✓ Aligning To The Centre
- ✓ Aligning Left
- √ Aligning Top
- ✓ Aligning Bottom
- ✓ Aligning To The Middle
- √ Filing Locations
- ✓ Naming Conventions
- ✓ Compatibility Mode
- ✓ Saving As A Different Name
- ✓ Saving In Another Location
- ✓ Saving In Another Version
- ✓ Saving As A Template
- √ Saving As Macro Enabled
- √ Practice Exercise

#### ➤ Printing

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- ✓ Previewing Before You Print
- ✓ Selecting A Printer
- ✓ Understanding Page Layout
- ✓ Using Built-In Margins
- ✓ Centring On A Page
- ✓ Changing Orientation
- ✓ Specifying The Paper Size
- ✓ Setting The Print Area
- ✓ Inserting Page Breaks ✓ Using Page Break Preview
- ✓ Setting A Background
- ✓ Settings Rows As Repeating Print
- ✓ Scaling To A Percentage
- √ Fit To A Specific Number Of Pages
- ✓ Understanding Headers And
- ✓ Adding A Quick Header
- ✓ Adding A Quick Footer
- ✓ Switching Between Headers And Footers
- ✓ Practice Exercise

#### ➤ Creating Charts

- ✓ Understanding The Charting **Process**
- ✓ Choosing The Chart Type
- ✓ Creating A New Chart✓ Working With An Embedded Chart
- ✓ Resizing A Chart
- ✓ Dragging A Chart
- ✓ Printing An Embedded Chart
- ✓ Creating A Chart Sheet
- ✓ Changing The Chart Type
- ✓ Changing The Chart Layout
- ✓ Changing The Chart Style
- ✓ Printing A Chart Sheet
- ✓ Embedding A Chart Into A Worksheet
- ✓ Deleting A Chart
- ✓ Understanding Chart Layout Elements
- ✓ Adding A Chart Title✓ Adding Axes Titles
- ✓ Positioning The Legend
- ✓ Showing Data Labels
- Showing A Data Table
- ✓ Modifying The Axes
- ✓ Showing Gridlines
- ✓ Formatting The Plot Area
- ✓ Adding A Trendline
- ✓ Adding Error Bars
- ✓ Adding A Text Box To A Chart
- ✓ Drawing Shapes In A Chart
- ✓ Practice Exercise

### ➤ General Computer Operation

- ✓ Setting Up An Ergonomic Workstation
- ✓ Breaks And Exercises
- ✓ Reducing Paper Wastage
- ✓ Environmentally Friendly Computing
- ✓ Backup Procedures
- ✓ Understand How Help Works
- ✓ Accessing The Help Window
- ✓ Browsing For Help
- Returning To The Home Page
- ✓ Using The Table Of Contents
- Searching Using Keywords ✓ Practice Exercise

#### ➤ Integrated Assignment

Concluding Remarks

