

INFOCUS COURSEWARE

Curriculum Series 3A

BSBITU304A Produce Spreadsheets

Microsoft Excel 2010



Order Code: INF857 ISBN: 978-1-925349-43-6

| * | General Description | 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 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 <i>Microsoft Excel 2010</i> create a new workbook understand, create and work with formulas and functions used to perform calculations 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 <i>Excel</i> apply conditional formatting to ranges in a worksheet work with various elements of a worksheet print your workbook data create effective charts in <i>Microsoft Excel</i> 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 encompass formatting, formulas, and charting. |
| - * | Prerequisites | 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 and the Windows operating system environment. |
| * | 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 <u>www.watsoniapublishing.com</u> . 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 <i>Reference Booklet</i> (Product Code: <i>RB - INF857</i>) |
| * | Additional Teaching Resources | A <i>Teacher Resource CD</i> 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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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 View
- ✓ Accessing The Backstage View
- ✓ Using Short Cut Menus
- ✓ Understanding Dialog Boxes
- ✓ Launching Dialog Boxes
- ✓ Understanding The Quick Access Toolbar
- ✓ 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

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Australia

✓ Practice Exercise

AUSTRALIAN MADE

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 Čomplex 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
- ✓ Clearing Cells
- ✓ 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

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✓ 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

✓ Understanding Number Formatting

✓ Using The Thousands Separator

Formatting Cells Containing Values

✓ Clearing Conditional Formatting

More Cell Formatting Options

✓ More Top And Bottom Formatting

Product Information

✓ Increasing And Decreasing

Understanding Conditional

✓ Working With Data Bars

✓ Working With Icon Sets

✓ Creating Sparklines

✓ Editing Sparklines

✓ Practice Exercise

✓ Understanding Sparklines

✓ Working With Colour Scales

✓ Applying General Formatting ✓ Formatting As Currency

✓ Formatting Percentages

✓ Formatting As Fractions

✓ Formatting As Dates

Decimals

Formatting

✓ Top Ten Items

Options

✓ Practice Exercise

Conditional Formatting

- ✓ Using The Format Painter
- ✓ Applying Strikethrough
- ✓ Subscripting Text

✓ Practice Exercise

Number Formatting



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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
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- ✓ 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

- Understanding Printing
- ✓ 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
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- ✓ Setting A Background
- ✓ Settings Rows As Repeating Print Titles
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- Footers
- ✓ 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
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- ✓ Changing The Chart Layout
- ✓ Changing The Chart Style
- ✓ Printing A Chart Sheet
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- ✓ 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

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