

CONTENTS

BSBITU402 Develop and use complex spreadsheets	1
Assessment for this Unit	4
How to use this workbook	5
How to download exercise files	7
SECTION 1: OFFICE PROCEDURES	9
Windows 10 basics	10
File management	14
File Explorer	15
Using meaningful file names	18
Timelines	18
Getting help	20
Copyright	21
Identifying spreadsheet requirements	23
Organisational requirements	25
File distribution procedures	26
Security issues	26
Conventions for personal names	26
Backing up data	27
Data storage	28
Malware	28
Protection against malware	29
Protecting data	30
SECTION 2: SPREADSHEET DESIGN AND PLANNING	31
Spreadsheet design	32
Design by blocks (or areas)	33
Layouts	33
What makes a good spreadsheet?	36
Spreadsheet documentation	39
Using spreadsheets to solve problems	41
Planning a spreadsheet	44
SECTION 3: FORMATTING, CLIPBOARD AND SERIES	48
Excel naming conventions	49
Shortcut menu	49
Insert symbol	50
Selecting cells	51
Fonts	52
Borders	53
Removing borders	54
Formatting numbers	55
Copying and moving data summary	58
Using the right mouse button	59
Paste button	60
Clipboard Task Pane	61
Inserting cells, rows and columns	63
Deleting	64
Series	65
Fill Series options	65
Help	66
Absolute cell references	69
Freezing panes	70

SECTION 4: EASY FUNCTIONS, FORMULA AUDITING AND HYPERLINKS.....	72
Functions.....	73
Option buttons.....	77
Checking data	81
Formula auditing	84
Hyperlinks	89
Consolidation exercise 1.....	91
Consolidation exercise 2.....	92
SECTION 5: CHARTS.....	94
Charts.....	95
Charts Group.....	99
Column charts	100
Pie charts	109
Quick charts	112
Bar chart.....	115
Combo chart.....	115
Line chart	117
Changing the 3D view of a chart.....	119
Consolidation exercise 3.....	120
SECTION 6: MULTIPLE WORKSHEETS.....	122
Names.....	123
Working with multiple worksheets.....	127
Consolidating data	139
SECTION 7: FUNCTIONS, DATA TABLES AND ARRAYS	145
Functions.....	146
Printing an entire workbook.....	151
Data tables	168
Pmt function	168
Two-input table.....	172
Functions.....	174
Array formulas.....	177
Consolidation exercise 4	178
SECTION 8: DATA ANALYSIS, VALIDATION, MACROS, PROTECTION, TEMPLATES	180
Data analysis.....	181
Data validation	184
Conditional formatting	187
Macros	192
Personal Macro Workbook.....	201
Cell protection	205
Comments.....	208
Templates	210
Consolidation exercise 5	217
Importing and exporting	220
Importing a text file into Excel	221
Consolidation exercise 6	225
Practice assessment.....	227
ASSESSMENT	230
Instructions for assessors	230
Information for candidates.....	231
Evidence guide.....	235
Assessment tasks	238
INDEX	245
CHANGES MADE TO THIS WORKBOOK	248