

Module code: MOD003312	Version: 4 Date Amended: 22/Jun/2016
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1. Module Title
Quantitative Methods (Foundation Mathematics)

2a. Module Leader	2b. Department	2c. Faculty
Jane Hancock	Department of Leadership and Management	Lord Ashcroft International Business School

3a. Level	3b. Module Type
3	Standard (fine graded)

4a. Credits	4b. Study Hours
15	150

5. Restrictions			
Type	Module Code	Module Name	Condition
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Pre-requisites:	None		
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:	None		

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description
This module is intended to supplement and/or remind students of the basic information about working with numbers. The module is intended for students who have not previously specialised in mathematics but who require basic quantitative skills in order to progress their studies in business, accounting, economics and marketing. Included are lessons on decimals, fractions, statistics, and formulas. A strong emphasis will be placed on the use of mathematical skills in business education and the methodology will be practical problem solving in work groups. Each week will require homework or an in-class formative assessment.

6b. Outline Content
1) Working with Whole Numbers and Decimals 2) Fractions, Percentages and Ratios 3) Powers and Indices 4) Factorisation, Formulas, Solutions 5) Linear and Nonlinear Functions 6) Basic Statistics 7) Data Visualisation, Tables, Charts 8) Web-based Maths Resources

6c. Key Texts/Literature
Key Text: National Joint Apprenticeship and Training Committee (NJATC) , Building a Foundation in Mathematics, 1st Edition, 2005, Cengage Learning, ISBN: 1418006327 Additional Reading/Resources: Electronic Resources associated with the textbook, Articles posted on the VLE by the Instructor.
<i>Last Updated:</i>

6d. Specialist Learning Resources
None

7. Learning Outcomes (threshold standards)		
No.	Type	On successful completion of this module the student will be expected to be able to:
1	Knowledge and Understanding	Develop an understanding of mathematical concepts and use them to solve problems. (Numerical, Geometrical, Statistical, Algebraic)
2	Knowledge and Understanding	Develop the ability to perform: mental calculation, estimation and to check reasonableness of results.
3	Knowledge and Understanding	Present and interpret information in written, graphical, diagrammatic and tabular forms.
4	Intellectual, practical, affective and transferrable skills	Think logically and carry out various calculations and computations as a result of the above.

8a. Module Occurrence to which this MDF Refers				
Year	Occurrence	Period	Location	Mode of Delivery
2016/7	ZZF	Template For Face To Face Learning Delivery		Face to Face

8b. Learning Activities for the above Module Occurrence			
Learning Activities	Hours	Learning Outcomes	Details of Duration, frequency and other comments
Lectures	12	1-4	3 hours weekly, delivered through lectures and tutorials (12 hours of lectures + 24 hours of tutorials), or equivalent.
Other teacher managed learning	24	1-4	3 hours weekly, delivered through lectures and tutorials (12 hours of lectures + 24 hours of tutorials), or equivalent.
Student managed learning	114	1-4	114 hours during the study period of tutor led and/or individual focussed study including reading, exercises, case studies and library research.
TOTAL:	150		

9. Assessment for the above Module Occurrence					
Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
010	Practical	1-4	100 (%)	Fine Grade	30 (%)
Details:	3 X 1HR IN CLASS TESTS				
3 x 1 hrs in class tests (33%, 33%, 34% weighting)					

In order to pass this module, students are required to achieve an overall mark of 40%.
 In addition, students are required to:
 (a) achieve the qualifying mark for each element of fine graded assessment of as specified above
 (b) pass any pass/fail elements