

Liverpool John Moores University

Title: Maths for Business and Finance
Status: Definitive
Code: **4504IYBSG** (124528)
Version Start Date: 01-08-2021

Owning School/Faculty: Business and Management
Teaching School/Faculty: Business and Management

Team	Leader
Amanda Mason	Y

Academic Level: FHEQ4
Credit Value: 10
Total Delivered Hours: 39
Total Learning Hours: 100
Private Study: 61

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	21
Seminar	12
Workshop	6

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Report	report based coursework	70	
Test	Test	2 hour test	30	

Aims

To provide a basic knowledge of mathematics for ongoing progression to a degree programme in business related subjects. To acquire an understanding of the fundamental concepts of business maths using a selection of real-world applications

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate an understanding of mathematical notation, terminology, conventions and units as applied to the world of business
- 2 Calculate a range of financial measures
- 3 Understand and apply the essential numerical skills required for bookkeeping

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

written course work	1	2
2 hour test	1	3

Outline Syllabus

- *Fractions, powers and logs*
- *Percentages, ratios and proportions*
- *Financial mathematics*
- *Data handling*
- *Statistics including normal distributions*
- *Business arithmetic including compound interest, salary, VAT, tax and rates calculations and currency exchanges*
- *Book keeping*

Learning Activities

A mix of lectures, seminars and workshops with in-class testing and homework to support independent learning. In each session the theory session is followed by a number of worked examples which are typical of, and lead to individual exercises for each unit. By listening to the theory and reading through the worked examples, the student should be able to make considerable progress with the exercise that follows.

Notes

N/A