

Liverpool John Moores University

Title: Maths for Business
Status: Definitive
Code: **3510IFBSG** (124538)
Version Start Date: 01-08-2021

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

| Team | Leader |
|--------------|--------|
| Amanda Mason | |

Academic Level: FHEQ3
Credit Value: 10
Total Delivered Hours: 40.5
Total Learning Hours: 100
Private Study: 59.5

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 |
|----------|-------------------|----------------------|---------------|---------------|
| Exam | Exam | 1.5 hour examination | 100 | 1.5 |

Aims

To provide a basic knowledge of Mathematics for 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 Interpret, in mathematical terms, verbal graphical and tabular information
- 2 Manipulate mathematical expressions
- 3 Apply mathematical methods and techniques to the world of business

Learning Outcomes of Assessments

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

| | | | |
|------|---|---|---|
| Exam | 1 | 2 | 3 |
|------|---|---|---|

Outline Syllabus

- *Maths basics (fractions, powers and logs)*
- *Percentages, ratios and proportions*
- *Algebra and simultaneous equations*
- *Data handling*
- *Statistics including normal distributions*
- *Business arithmetic including compound interest, salary, VAT, tax and rates calculations and currency exchanges.*
- *Financial mathematics*

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