

Liverpool John Moores University

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Title: Data Analysis for Accounting
Status: Definitive
Code: **5003LBSAF** (121688)
Version Start Date: 01-08-2021

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

Team	Leader
Leah Ferrie	Y

Academic Level: FHEQ5 **Credit Value:** 20 **Total Delivered Hours:** 55
Total Learning Hours: 200 **Private Study:** 145

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Online	33
Workshop	22

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Test	AS1	In-class Test	25	
Report	AS2	Individual Report 2000 words	75	

Aims

1. To equip students with the technical skills to be able to accurately perform data modelling using Microsoft Excel
2. To facilitate the development of analytical skills

Learning Outcomes

After completing the module the student should be able to:

- 1 Create and analyse data models using Microsoft Excel.
- 2 Effectively use a selection of advanced Microsoft Excel tools.
- 3 Analyse and evaluate the results of the data models and make recommendations.
- 4 Effectively communicate the results of the evaluation and recommendations to finance and non-finance managers.

Learning Outcomes of Assessments

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

In-class Test	2				
Individual 2000 words	1	2	3	4	

Outline Syllabus

Basic Microsoft Excel functions including but not exclusively; data entry, formatting, charts and graphs and formulae.

Advanced Microsoft Excel functions including but not exclusively; conditional formatting, pivot tables, input tables, what ifs.

Use of Microsoft Excel for accounting purposes, for example, statistical analysis, calculating variances, sorting and filtering data, discount rates, comparison of interest rates, accounting ratios.

An understanding of accounting systems.

Learning Activities

Workshops to facilitate the acquisition of Microsoft Excel.

On-line tutor support as part of a business simulation exercise.

Notes

This is a practically focused module developed in consultation with employers highlighting the skills necessary for accounting and finance students.