LIVERPOOL JOHN MOORES UNIVERSITY

Module Proforma

Approved, 2022.03

Summary Information

Module Code	3510IFESG
Formal Module Title	Pure Mathematics 1
Owning School	Engineering
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 3
Grading Schema	40

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Lonnie Readioff	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Jack Mullett	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Study Group

Learning Methods

Learning Method Type	Hours
Lecture	26
Seminar	39

Module Offering(s)

Offering Code	Location	Start Month	Duration
JAN-PAR	PAR	January	12 Weeks
SEP-PAR	PAR	September	12 Weeks

Aims and Outcomes

Aims	To provide students with an understanding of mathematics in preparation for progression to first degree programmes in Science and Engineering. To develop skills in mathematical applications, methods and techniques.

Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Use mathematical notation, terminology, conventions and units correctly.
MLO2	Interpret in mathematical terms verbal, graphical and tabular information.
MLO3	Recognise and select mathematical methods suitable for the solution of problems.

Module Content

Outline Syllabus
AlgebraCo-ordinating Geometry, including points, lines and areasIntroduction to DifferentiationIntroduction to Integration

Module Overview

Additional Information
None

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Portfolio	Portfolio	40	0	MLO3, MLO1, MLO2
Exam	Examination	60	1.5	MLO3, MLO1, MLO2