Module Proforma

Approved, 2022.02

Summary Information

Module Code	3511IFESG
Formal Module Title	Pure Mathematics 2
Owning School	Engineering
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 3
Grading Schema	40

Module Contacts

Module Leader

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

Module Team Member

Contact Name	Applies to all offerings	Offerings

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	13
Seminar	26

Module Offering(s)

Offering Code	Location	Start Month	Duration
APR-PAR	PAR	April	12 Weeks
JAN-PAR	PAR	January	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 skill 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
Differential CalculusIntegral CalculusSequences and seriesComplex NumbersNumerical MethodsMatrices

Module Overview

Additional Information
None

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Test	A series of online VLE tests	100	0	MLO2, MLO1, MLO3