Module Proforma

Approved, 2022.02

Summary Information

Module Code	3513IFESG
Formal Module Title	Physics 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 the necessary knowledge and understanding of the principles of Heat, Ideal Gases, Oscillations and Fields for progression onto undergraduate engineering courses.

Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Demonstrate an understanding of the theoretical concepts of heat, ideal gases, oscillations and fields.
MLO2	Analyse experimental data in heat, ideal gases, oscillations and fields.
MLO3	Solve synoptic problems drawing on a number of physical ideas.

Module Content

Outline Syllabus
HeatIdeal gasesFields and their effects

Module Overview

Additional Information
None

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Exam	Examination	100	1.5	MLO3, MLO1, MLO2