



Swansea University
Prifysgol Abertawe

FACULTY OF SCIENCE AND ENGINEERING

UNDERGRADUATE STUDENT HANDBOOK

YEAR 3(FHEQ LEVEL 6)

MECHANICAL ENGINEERING

DEGREE PROGRAMMES

SUBJECT SPECIFIC
PART TWO OF TWO
MODULE AND COURSE STRUCTURE
2025-26

DISCLAIMER

The Faculty of Science and Engineering has made all reasonable efforts to ensure that the information contained within this publication is accurate and up-to-date when published but can accept no responsibility for any errors or omissions.

The Faculty of Science and Engineering reserves the right to revise, alter or discontinue degree programmes or modules and to amend regulations and procedures at any time, but every effort will be made to notify interested parties.

It should be noted that not every module listed in this handbook may be available every year, and changes may be made to the details of the modules. You are advised to contact the Faculty of Science and Engineering directly if you require further information.

IMPORTANT

Term Dates

The 25-26 academic year begins on 29 September 2025

Full term dates can be found [here](#)

Academic Integrity

Swansea University and the Faculty of Science of Engineering takes any form of **academic misconduct** very seriously. In order to maintain academic integrity and ensure that the quality of an Award from Swansea University is not diminished, it is important to ensure that all students are judged on their ability. No student should have an unfair advantage over another as a result of academic misconduct - whether this is in the form of **Plagiarism**, **Collusion** or **Commissioning**.

It is important that you are aware of the **guidelines** governing Academic Misconduct within the University/Faculty of Science and Engineering and the possible implications. The Faculty of Science and Engineering will not take intent into consideration and in relation to an allegation of academic misconduct - there can be no defence that the offence was committed unintentionally or accidentally.

Please ensure that you read the University webpages covering the topic – procedural guidance [here](#) and further information [here](#). You should also read the Faculty Part One handbook fully, in particular the pages that concern Academic Misconduct/Academic Integrity.

The difference between compulsory and core modules

Compulsory modules must be **pursued** by a student.

Core modules must not only be **pursued**, but also **passed** before a student can proceed to the next level of study or qualify for an award. Failures in core modules must be redeemed.

Further information can be found under “Modular Terminology” on the following link - <https://myuni.swansea.ac.uk/academic-life/academic-regulations/taught-guidance/essential-info-taught-students/your-programme-explained/>

Key Programme Staff

Mechanical Engineering Programme Director	Mechanical Engineering Year 3 Coordinator
Dr Will Newton	Dr Anil Bastola

Year 3 (FHEQ Level 6) 2025/26

Mechanical Engineering

BEng Mechanical Engineering[H300]

MEng Mechanical Engineering[H304]

Semester 1 Modules	Semester 2 Modules
EG-323 Finite Element Method 10 Credits Dr W Harrison CORE	EG-362 Fluid Mechanics 3 10 Credits Prof D Deganello/Dr S Datta CORE
EG-360 Dynamics 2 10 Credits Dr S Azizishirvanshahi CORE	
EGA334 Mechanical Engineering Design 3 20 Credits Dr M Togneri/Dr PJ Dorrington/Prof I Masters/Dr B Morgan/... CORE	
EG-3080 Engineering Management (Aero, EEE, Mech) 10 Credits Prof JC Arnold/Dr HKJ Jahanger/Dr EH Jewell/Mr JK Mcfadzean/Dr B Morgan/Ms LE Norman-Lewis/... CORE	
EG-3088 Intelligent Manufacturing and Robotics 20 Credits Dr JS Thompson/Dr EH Jewell/Dr C Li/Mr AJ Morgan	
EG-353 Individual Engineering Project 30 Credits Dr AC Tappenden/Dr M Fazeli/Prof PJ Holliman CORE	
EGA324 Mechanical Engineering Practice 10 Credits Dr B Morgan/Prof NPN Lavery CORE	
Total 120 Credits	

Year 3 (FHEQ Level 6) 2025/26

Mechanical Engineering

BEng Mechanical Engineering[H307]

Semester 1 Modules	Semester 2 Modules
EG-323 Finite Element Method 10 Credits Dr W Harrison CORE	EG-362 Fluid Mechanics 3 10 Credits Prof D Deganello/Dr S Datta CORE
EG-360 Dynamics 2 10 Credits Dr S Azizishirvanshahi CORE	
EGA334 Mechanical Engineering Design 3 20 Credits Dr M Togneri/Dr PJ Dorrington/Prof I Masters/Dr B Morgan/... CORE	
EG-3080 Engineering Management (Aero, EEE, Mech) 10 Credits Prof JC Arnold/Dr HKJ Jahanger/Dr EH Jewell/Mr JK Mcfadzean/Dr B Morgan/Ms LE Norman-Lewis/... CORE	
EG-3088 Intelligent Manufacturing and Robotics 20 Credits Dr JS Thompson/Dr EH Jewell/Dr C Li/Mr AJ Morgan CORE	
EG-353 Individual Engineering Project 30 Credits Dr AC Tappenden/Dr M Fazeli/Prof PJ Holliman CORE	
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