

MODULE DESCRIPTOR

Module Title

Group Project (Engineering Stage 3) - EEE

Reference	EN3604	Version	2
Created	March 2024	SCQF Level	SCQF 9
Approved	March 2004	SCQF Points	15
Amended	April 2024	ECTS Points	7.5

Aims of Module

To provide the student with the ability to complete an investigation into an engineering topic and to undertake the associated design, implementation and testing as a member of a project group.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Support effectively as an inclusive member of a project team.
- 2 Assess possible solutions to a complex engineering problem, selecting appropriate components and design while acknowledging their limitations and managing risks.
- 3 Experiment selected solutions on an engineering problem.
- 4 Successfully defend your engineering solution to an audience.
- 5 Explain personal development and team progress through communication of a portfolio of evidence.

Indicative Module Content

The group project involves task specification, system design, implementation, evaluation, and project management. Students should discuss the role of quality management systems within the context of their project design. There is no formal syllabus for the group project in general, but seminars are used to provide guidance with regard to project management and report writing.

Module Delivery

The group project is student-centred. Students are allocated to groups, each of which has a member of academic staff who acts as a supervisor. Regular weekly meetings take place to review progress. All students must maintain a logbook.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	20	20
Non-Contact Hours	130	130
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	150
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type: Coursework Weighting: 100% Outcomes Assessed: 1, 2, 3, 4, 5

Description: Portfolio of evidence.

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

The module has 1 assessment component and to gain a pass a minimum D grade must be achieved.

Module Grade	Minimum Requirements to achieve Module Grade:
A	A
B	B
C	C
D	D
E	E
F	F
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Successful completion of SCQF 8 level study, or equivalent.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 Guidance Notes on Group Project Work, School of Engineering. (All students are given guidelines relating to the operation of the project and the structure and content of the report.)
- 2 Required reading is specific to each project.