

## MODULE DESCRIPTOR

### Module Title

Group Project (Engineering Stage 3)

Reference	EN3600	Version	8
Created	March 2023	SCQF Level	SCQF 9
Approved	March 2004	SCQF Points	15
Amended	August 2023	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 Work effectively as an inclusive member of a project team, including the role of risk and quality management systems within planning.
- 2 Assess possible solutions to a problem, selecting appropriate materials and engineering processes while acknowledging their limitations.
- 3 Implement selected solutions to an engineering problem.
- 4 Successfully demonstrate your engineering solution to an audience.
- 5 Record 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 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**

Component 1 comprises 100% of the module grade. To pass the module, a D grade is required.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	A
<b>B</b>	B
<b>C</b>	C
<b>D</b>	D
<b>E</b>	E
<b>F</b>	F
<b>NS</b>	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.