

## MODULE DESCRIPTOR

### Module Title

MEng Individual Project

Reference	EN4604	Version	5
Created	March 2017	SCQF Level	SCQF 10
Approved	March 2004	SCQF Points	30
Amended	August 2017	ECTS Points	15

### Aims of Module

To provide the student with the ability to undertake a major individual engineering research project and to report the findings of the work.

### Learning Outcomes for Module

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

- 1 Plan and manage a major technical engineering research project.
- 2 Produce appropriate project specification, management and review documentation; maintain a logbook.
- 3 Conduct a focussed literature search and review.
- 4 Undertake a major investigative task, using initiative, imagination and creativity; carry out detailed and comprehensive critical analysis of the outcomes.
- 5 Produce a well-structured final project report, incorporating and justifying all aspects of the project work and defend the work in an oral presentation.

### Indicative Module Content

There is no formal syllabus for this module. The project should have research and development-related objectives to deliver a useful outcome relevant to a placement company, a research group or other equivalent scholarly activity. The scope of work must include both technical and non-technical aspects appropriate to the requirements of these stakeholders and the level of course. The final report should display clear evidence of transferrable skills.

### Module Delivery

The project is student-centred. Each student is allocated a member of academic staff who acts as the project supervisor. Students are expected to plan their own project activities and meet with their academic supervisor on a regular basis. Evidence of such meetings should be in the form of signed log book entries.

<b>Indicative Student Workload</b>	Full Time	Part Time
Contact Hours	25	25
Non-Contact Hours	275	275
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
<b>TOTAL</b>	<b>300</b>	<b>300</b>
<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: Project report with corroborative documentation and oral evidence.

## MODULE PERFORMANCE DESCRIPTOR

### Explanatory Text

In order to pass the module students must achieve at least a grade D.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	70% and above
<b>B</b>	60-69%
<b>C</b>	50-59%
<b>D</b>	40-49%
<b>E</b>	35-39%
<b>F</b>	34% and below
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

### Module Requirements

Prerequisites for Module Successful completion of SCQF Level 9 study, or equivalent.

Corequisites for module None.

Precluded Modules None.

## INDICATIVE BIBLIOGRAPHY

- 1 School of Engineering EN4600/EN4604 Project Guidelines document. (Guidelines relating to the operation of the project and the structure and content of the report - available on Moodle.)
- 2 Required reading is specific to individual projects.