**This Version is No Longer Current**
The latest version of this module is available here

## MODULE DESCRIPTOR

### Module Title

MEng Individual Project

| | | | |
|---|---|---|---|
| Reference | EN5604 | Version | 2 |
| Created | August 2021 | SCQF Level | SCQF 11 |
| Approved | November 2020 | SCQF Points | 30 |
| Amended | August 2021 | 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 producing appropriate project documentations. |
| 2 | Conduct a focussed literature search and review to acquire an increased depth of understanding of current practice and technologies in the field. |
| 3 | Undertake a major investigative task to demonstrate comprehensive knowledge and understanding of analytical method and experimental or computational models. |
| 4 | Carry out in-depth critical analysis of the outcomes and reflect on self-performance. |
| 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.

| Module Ref: | EN5604 v2 |
|---|---|

| **Indicative Student Workload** | Full Time | Part Time |
|---|---|---|
| Contact Hours | 25 | 25 |
| Non-Contact Hours | 275 | 275 |
| Placement/Work-Based Learning Experience [Notional] Hours | N/A | N/A |
| TOTAL | 300 | 300 |
| *Actual Placement hours for professional, statutory or regulatory body* | | |

## 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

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: |
|---|---|
| **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 Level 9 study, or equivalent of the MEng programme. |
| 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. |