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MODULE DESCRIPTOR

Module Title

Group Project (Engineering Stage 3)

| | | | |
|-----------|-------------|-------------|--------|
| Reference | EN3600 | Version | 5 |
| Created | July 2017 | SCQF Level | SCQF 9 |
| Approved | March 2004 | SCQF Points | 15 |
| Amended | August 2017 | 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 a member of a project group.
- 2 Evaluate possible solutions to a problem and select the best approach.
- 3 Design, implement and evaluate the selected solution to a problem.
- 4 Produce a well-structured project report.
- 5 Make a presentation as part of a project group.

Indicative Module Content

The group project involves task specification, system design, implementation, evaluation and project management. 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: 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: |
|--------------|--|
| A | >70% |
| B | 60-69% |
| C | 50-59% |
| D | 40-49% |
| E | 35-39% |
| F | 0-34% |
| 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

- 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.)
- Required reading is specific to each project.