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## MODULE DESCRIPTOR

### Module Title

Post-project Industrial Placement

|           |             |             |         |
|-----------|-------------|-------------|---------|
| Reference | EN5600      | Version     | 9       |
| Created   | July 2017   | SCQF Level  | SCQF 11 |
| Approved  | March 2004  | SCQF Points | 30      |
| Amended   | August 2017 | ECTS Points | 15      |

### Aims of Module

To provide the student with further experience of a real-world work environment, and the opportunity to bring to that environment the knowledge and transferable skills acquired in their degree studies. To require the student to apply within their workplace that which has been concluded from their University-based project work.

### Learning Outcomes for Module

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

- 1 Demonstrate initiative and professional skills in the following areas: project planning, teamworking, technical innovation, professional and personal development, communication and staff relations.
- 2 Recognise and appraise his/her own strengths and weaknesses as a potential Chartered Engineer/Engineering Manager, and react accordingly.
- 3 Apply, in the workplace, the Engineering and Management theories, models, concepts and principles acquired in his/her academic studies.
- 4 Report on the impact of their University project on their industrial host, in terms of its relevance, applicability and measured outcomes.
- 5 Report on the nature and effectiveness of their personal contribution over the placement period.

### Indicative Module Content

The content of the industrial placement will vary. The student will produce an agreed learning contract with the host organisation and devise a programme which will enable the learning outcomes specified above to be achieved. An important aspect of this phase of the placement is the potential or actual application, within an industrial environment, of hardware, software or technological systems which have been researched within the student's University-based project.

### Module Delivery

Delivery is by means of on-the-job training. He/she will be required to liaise with University staff, so that progress can be monitored, with particular emphasis on the industrial impact of University-derived transferable skills, particularly those related to the project. In addition, the student may be required to attend specific staff development workshops as designated by the host organisation.

### Indicative Student Workload

|                                                                              | Full Time | Part Time |
|------------------------------------------------------------------------------|-----------|-----------|
| Contact Hours                                                                | N/A       | N/A       |
| Non-Contact Hours                                                            | N/A       | N/A       |
| Placement/Work-Based Learning Experience [Notional] Hours                    | 300       | 300       |
| TOTAL                                                                        | 300       | 300       |
| <i>Actual Placement hours for professional, statutory or regulatory body</i> | 370       | 370       |

### 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: | Assessment is based on final review, logbook, personal development portfolio, placement report and oral presentation. |            |      |                    |               |

### MODULE PERFORMANCE DESCRIPTOR

#### Explanatory Text

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>     | 55-59%                                                                         |
| <b>D</b>     | 50-54%                                                                         |
| <b>E</b>     | 40-49%                                                                         |
| <b>F</b>     | 39% and below                                                                  |
| <b>NS</b>    | Non-submission of work by published deadline or non-attendance for examination |

### Module Requirements

|                          |                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------|
| Prerequisites for Module | Students must have successfully completed study to SCQF 10 level of the MEng programme. |
| Corequisites for module  | None.                                                                                   |
| Precluded Modules        | None.                                                                                   |

**INDICATIVE BIBLIOGRAPHY**

- 1 Introductory Guide to Industrial Placements.
- 2 Placement Operation and Assessment Guide