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| <p><b>Module Title</b><br/> <b>Pre-Project Industrial Placement</b></p> <p><b>Keywords</b><br/> Experiential learning, personal transferable skills, application of knowledge and understanding, learning contracts and staff appraisal, project identification.</p> | <p>Reference EN4601<br/> SCQF            SCQF<br/> Level            10<br/> SCQF Points    30<br/> ECTS Points    15<br/> Created    July 2002<br/> Approved    March 2004<br/> Amended    August 2011<br/> Version No.    6</p> |
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## This Version is No Longer Current

The latest version of this module is available [here](#)

### Prerequisites for Module

Students must have successfully completed study of SCQF 9 level of the MEng programme.

### Corequisite Modules

None.

### Precluded Modules

None.

### Aims of Module

To provide the student with initial experience of a real-world work environment, with the requirement that they apply to this environment, as part of a project team, the knowledge and transferable skills acquired in the degree studies.

### Indicative Student Workload

|   | Full Time | Part Time |
|---|-----------|-----------|
| <i>Contact Hours</i>  |           |           |
| The student is expected to work a minimum of 300 hours (10 hours per SCQF credit points) during a 15 week period. | 300       | 300       |

### Mode of Delivery

Delivery is by means of on-the-job training. The student will be required to liaise with University staff, so that progress can be monitored, and to verify in due course that a suitable project has been identified.

In addition the student may be required to attend specific staff development workshops as

To allow the establishment of the aims and objectives of an industrially-linked project.

### **Learning Outcomes for Module**

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

1. Demonstrate necessary skills in the following areas: project planning, teamworking, technical, professional and personal development, communication, staff relations.
2. Apply, in the workplace, the theories, models, concepts and principles acquired in his/her academic studies.
3. Recognise and appraise his/her own strengths and weaknesses as a potential Chartered Engineer/ Engineering Manager.
4. Identify an industrially-linked project, and define its aims and objectives.

### **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

designated by the host organisation.

### **Assessment Plan**

|             | Learning Outcomes Assessed |
|-------------|----------------------------|
| Component 1 | 1,2,3,4                    |

Component 1. Comprises: Staff appraisal based on final review, Personal Development Portfolio and Oral Presentation. (100% weighting)

### **Indicative Bibliography**

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

identification of a project, in tune with the technological development of the industrial host, which is undertaken on the student's return to University.