

Module Title Integrative Engineering Project	Reference EN3602 SCQF SCQF Level 9 SCQF Points 15 ECTS Points 7.5
Keywords Literature Search, Project Management, Investigation and Analysis, Technical Report Writing.	Created January 2004 Approved July 2004 Amended August 2011 Version No. 3

This Version is No Longer Current

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

Prerequisites for Module

Successful completion of SCQF
8 level study, or equivalent.

Corequisite Modules

None.

Precluded Modules

EN3600 - Group Project
(Engineering Stage 3).

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, testing and reporting.

Indicative Student Workload

	Full Time	Part Time
<i>Contact Hours</i>		
Seminars	6	6
Supervision time	12	12

Directed Study

Project Activity	60	60
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Private Study

Project research and development	72	72
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Mode of Delivery

The project is student-centred. Students are allocated to a member of academic staff who acts as a supervisor. Regular weekly meetings take place to review progress. All students must maintain a logbook.

Learning Outcomes for Module

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

1. Critically evaluate possible solutions to a problem, select the best approach and manage the operation of the project.
2. Design, implement and evaluate the selected solution to a problem.
3. Produce a well-structured project report.
4. Make an oral technical presentation on a project.

Indicative Module Content

The project involves task specification, system design, implementation, evaluation and project management. There is no formal syllabus for the project in general but seminars are used to provide guidance with regard to project management and report writing.

Assessment Plan

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

Component 1: Project report with corroborative documentation and oral evidence. (100% weighting)

Indicative Bibliography

1. Guidance Notes on 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.)
2. Required reading is specific to each project.