

MODULE DESCRIPTOR

MODULE TITLE	Project		
MODULE CODE	EL3995 (L6)	CREDIT VALUE	30 UK CREDITS / <u>15 ECTS</u>
SCHOOL	SCHOOL OF SCIENCES		

MODULE AIMS

To develop students' ability to undertake an individual project, meeting an engineering requirement and integrating particular technical knowledge and skills of relevance to their specific course title.

MODULE CONTENT

Indicative syllabus content:

Each student receives direction from his supervisor to support identification of the skills and knowledge development for the individual. Features common to all students' needs and delivered through a combination of seminars and individual supervision include:

1. Project planning and requirements analysis
2. Project management, including time and risk management
3. Technical Communication

INTENDED LEARNING OUTCOMES

On successful completion of this module a student will be able to:

1. Undertake an engineering project
2. Manage time and project demands
3. Exploit scientific and technical literature
4. Communicate theory, practice and results effectively in written and oral form
5. Critically evaluate all aspects of a project and formulate justified conclusions

TEACHING METHODS

Projects are undertaken by students individually, each with an individual supervisor. Each project topic is agreed between student and supervisor at the beginning of the project. Topics may be constrained by the supervisor, especially if it is necessary to suit a student's particular course title.

Project seminars are used for communicating common aspects of the project module e.g. assessment format and timescales.

A project handbook, delivered online using Blackboard, provides general guidance and defines the specific common requirements that project students must meet.

Students are expected to work largely independently with direction from their supervisors.

ASSESSMENT METHODS

This module is assessed through an initial planning documentation, a final report, a poster presentation and a project demonstration.