1. **Title of the module**

EENG6000 (EL600) Project

1. **School or partner institution which will be responsible for management of the module**

Engineering and Digital Arts

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

6

1. **The number of credits and the ECTS value which the module represents**

45 (ECTS 22.5)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Autumn and Spring

1. **Prerequisite and co-requisite modules**

none

1. **The programmes of study to which the module contributes**

BEng Electronic and Communications Engineering

BEng Electronic and Communications Engineering with a Year in Industry

BEng Computer Systems Engineering

BEng Computer Systems Engineering with a Year in Industry

BEng Biomedical Engineering

BEng Biomedical Engineering with a Year in Industry

MEng in Computer Systems Engineering

MEng in Computer Systems Engineering with a Year in Industry

MEng Electronic and Communications Engineering

MEng Electronic and Communications Engineering with a Year in Industry

BEng Electronic and Computer Systems

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**
   1. Execute a substantial piece of independent design or development engineering work
   2. Write a scientific report based on the research, development and evaluation they have conducted
   3. Formally present their work to individuals and groups
2. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**
   1. Analyse, interpret and present numerical results in written and oral form, utilising IT
   2. Organise their time, resources and learning skills
   3. Apply critical thinking and logical reasoning to solve problems
3. **A synopsis of the curriculum**

Introduction to the project, research techniques, poster design, report structure and writing.

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

Project Management, Baguley, P (2008) Publisher: Teach Yourself (London)

ISBN-10: 0340968184, ISBN-13: 9780340968185

Specific reading materials will be suggested by project supervisor

1. **Learning and teaching methods**

Contact Hours including lectures and weekly supervisions: 34

Independent Study Hours: 416

Total Study Hours: 450

1. **Assessment methods**

13.1 Assessment method

Background research, specification and initial design (To include project plan, budget, ethics, H&S and risk assessment) 7%

Oral presentation 7%

Final project report with a viva voce examination (one hour) 82%

Poster presentation 4%

13.2 Reassessment method

Like-for-like.

In the event of failure of this module, students on I.E.T. accredited programmes will be required to re-take the whole module starting with a new project.

1. ***Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section 12) and methods of assessment (section 13)***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | *8.1* | *8.2* | *8.3* | *9.1* | *9.2* | *9.3* |
| **Learning/ teaching method** |  |  |  |  |  |  |
| Independent study | **x** | **x** |  | **x** | **x** | **x** |
| Lectures | **x** | **x** | **x** | **x** | **x** | **x** |
| Personal supervision | **x** | **x** |  | **x** | **x** | **x** |
|  |  |  |  |  |  |  |
| **Assessment method** |  |  |  |  |  |  |
| Report for background research, specification and initial design | **x** | **x** |  | **x** | **x** | **x** |
| Oral presentation |  |  | **x** | **x** | **x** |  |
| Poster presentation |  |  | **x** | **x** |  |  |
| Final report and viva voce examination | **x** | **x** | **x** | **x** | **x** | **x** |

1. **Inclusive module design**

The School recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

1. **Internationalisation**

Many projects are suggested by academic staff who are internationally recognised researchers and these will often reflect their research and scholarship interests.

For software based projects, students will use software which is of internationally recognised standard.

Students are encouraged to research existing works from a diverse range of sources including internationally recognised data bases and journals where appropriate.

Relevant international standards will be followed.

**FACULTIES SUPPORT OFFICE USE ONLY**

**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
| 01/03/18 | Minor | September 2018 | 7, 10, 12-13 | No |
|  |  |  |  |  |