

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

ELECTRONIC AND ELECTRICAL ENGINEERING

Graduate Diploma in Electronic and Electrical Engineering

These regulations are to be read in conjunction with [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.](#)

Admission

1. Every applicant for admission to a programme of study must satisfy the General Entrance Requirements as specified in [Regulation 2](#) and any additional Programme Entrance Requirements specified by the Department(s) or School(s) and approved by the relevant Board of Study.

Duration of Study

2. For full-time study, the minimum duration is 9 months, and the maximum is 24 months. For part-time study, the minimum duration shall be the learning equivalent of the full-time study period taking account of the conditions under which the student will work, the maximum duration is 48 months.

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum of no fewer than 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
EE420	Individual Project	4	40

Optional Modules

80 credits chosen from the list below.

Optional modules must incorporate no fewer than 60 credits at Level 4 or above.

Optional Modules at Levels 3 and 4

Module Code	Module Title	Level	Credits
EE315	Analogue and Digital System Design	3	20
EE317	Renewable Energy Technologies	3	20

EE466	Power Electronics, Machines and Applications	4	20
EE467	Power System Design, Operation and Protection	4	20
EE468	Analogue Systems	4	20
EE469	Digital Signal Processing Principles	4	20
EE470	Information Transmission and Security	4	20
EE471	Communications Networks	4	20
EE472	Control Principles	4	20
EE473	Photonic Systems	4	20

Exceptionally, such other modules totalling no more than 20 credits as approved by the Programme Director.

Examination, Progress and Final Assessment

5. Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners in the course work and in the Individual Project.
6. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s) normally in the same academic year.

Award

7. **Graduate Diploma:** In order to qualify for the award of Graduate Diploma in Electronic and Electrical Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 120 credits with at least 100 credits from Level 4 or above of which 40 must have been awarded in respect of the Individual Project.