

## FACULTY OF ENGINEERING AND COMPUTING

### Programme Regulations 2016-2017

**Programme Title:** MEng in Electronic Systems

**Programme Code** MEN

**Offered on a full-time or part-time basis** Full Time  
Part Time

**Note:** Programme Regulations should be read in conjunction with Marks and Standards which can be found at <http://www.dcu.ie/registry/examinations/index.shtml>

#### 1. Programme Specific Rules and Requirements

##### 1.1 Calculation for the Award Classification

To be eligible to graduate with the award of MEng in Electronic Systems, candidates must pass 90 credits on this programme, with a minimum of 60 credits at Level 9, with a maximum of 30 credits at Level 8, and including a project of 30 Level 9 credits.

In this programme regulations document, the word “major” means that a substantial proportion of a student’s course of study is taken in a specialized subject area. Students may graduate with an MEng in Electronic Systems with a Major in Nanotechnology, or a Major in Internet of Things (IoT) or with a Major in Image Processing and Analysis, provided that, in addition to requirements in the above paragraph, (a) they pass a project deemed to be in an area of the Major, (b) they pass 30 credits of taught modules at Level 9 deemed to be in the area of the Major, and (c) they pass all modules deemed to be required modules for the Major. Candidates may be deemed to have met requirements (b) and/or (c) during their undergraduate studies, in which case they are exempt from them. Then, the credits involved may not be used to meet the requirements of the paragraph above.

When calculating a candidate’s precision mark, each 7.5 credit is weighted at 150 points (and pro rata for modules with other than 7.5 credits), the project is weighted at 600 points. If a candidate has passed more than eight modules, then the precision mark is based on all first attempts up to the time where the candidate has attempted 60 taught credits. Subsequent module passes are treated as repeat attempts. The candidate’s first

attempt at a project is used when calculating the precision mark. Subsequent project attempts are treated as repeat attempts, irrespective of which project module code the candidate is registered on.

Project work is permitted over the summer months.

Candidates who pass 60 credits at Level 9, may exit with a Graduate Diploma in Electronic Systems (GDE). Candidates who pass 30 credits at Level 9 may exit with a Graduate Certificate in Electronic Systems (GCES). Candidates who pass 60 credits at Level 9, and who meet requirements (b) and (c) above, may exit with a Graduate Diploma in Electronic Systems with a Major in Nanotechnology, or with a Major in Internet of Things (IoT), or with a Major in Image Processing and Analysis.

The students who have already passed modules from the current MEng academic structure and have used them as credit for a different qualification, cannot use them towards MEng in MEN, GDE or GCES. However, the credits can be used to meet the prerequisites of any of the Majors.

## **2. Derogations from Marks and Standards**

Marks and Standards apply.

## **3. Progression**

This is a continuous programme. Once a candidate has met the programme requirements they will graduate.

## **4. Compensation**

Marks and Standards apply.

## **5. Resit Categories**

The resits offered for the August examinations diet vary depending on the module to be re-taken. The following is an explanation of the resit categories.

**Resit category 1:** A resit is available for all components of the module

**Resit category 2:** No resit is available where the module is 100% assessed by Continuous Assessment

**Resit category 3:** No resit is available for the continuous assessment component and the examination must be re-taken.