MSc Electronic and Computer Technology
Course Short Code
MCTY
Course Year
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Course Offering: 01

MSc Electronic and Computer Technology

Please only register for Modules you have not already completed, and intend to complete this year.

To complete this programme, all students must complete nine modules in total plus the two project elements (EEN1060 + EEN1061). Five of these nine modules must be from the following group: EEN1073, EEN1074, EEN1004, EEN1059, EEN1068, EEN1071 and EEN1072.

Flexible students should take the modules over two calendar years (24 months). Semester 1 begins in September and Semester 2 begins in January, regardless of when you begin your studies. The project elements (EEN1060 + EEN1061) take place over the summer months (June-August).

You must register for ALL modules that you intend to complete in the current academic year (each academic year has its own registration process). The following is an outline of a suggested registration:

Flexible: (September entry): Register for 2/3 modules in each of Semester 1 and Semester 2 plus EEN1060 (Year 1) or EEN1061(Year 2). You will register in the following August for the remaining modules (i.e., your Year 2).

Flexible: (January entry): Register for 2/3 modules in Semester 2 plus EEN1060 (Year 1) or EEN1061 (Year 2). You will then register again in the following August for the next set of modules.

Prior to proceeding with registration for the MSc in Electronic and Computer Technology programme, please [visit](#) the School of Electronic Engineering postgraduate module selection.

Make a careful note of your selected modules then proceed to the next step where REGISTRATION will take place. It is your responsibility to ensure that you

register correctly. Please contact the chairperson Derek.Molloy@dcu.ie if you have questions.

Core Modules

Module Code	Module Title	Module Credits	Semester
EEN1060	RD & I Training & Project Planning		Semester 1, 2 & 3
EEN1061	MSc IoT Project		Semester 1, 2 & 3

Optional Modules

Module Code	Module Title	Module Credits	Semester
EEN1035	OOP with Embedded Systems		Semester 1
EEN1043	Wireless/Mobile Communications		Semester 1
EEN1054	Mathematical Techniques & Problem Solving		Semester 1
EEN1073	Real-Time Digital Signal Processing (DSP)		Semester 1
EEN1074	Blockchain Scalability		Semester 1
EEN1083	Data Analysis and Machine Learning I		Semester 1
EEN1004	Network Stack Implementation		Semester 2
EEN1037	Web Application Development		Semester 2
EEN1040	Bioelectronics		Semester 2
EEN1059	Security for IoT & Edge Networks		Semester 2
EEN1068	Entrepreneurship for Engineers		Semester 2

| EEN1071 | Connected Embedded Systems | Semester 2 |
| EEN1072 | Data Analysis & Machine Learning II | Semester 2 |