

Qualifier Programme MSc Electronic and Computer Technology

Course Short Code

MQTY

Course Year

c

Course Offering: 01

[Print PDF](#)

---

\*\*\*\* IMPORTANT MESSAGE \*\*\*\*

The purpose of this information sheet is to allow you view all modules connected to the Qualification, optional and core.

You should print this sheet out and then continue to the next step where your registration will take place.

It is your responsibility to ensure that you register correctly.

\*\*\*\*\*

**It is recommended students register for two modules per Semester plus EE5002.**

Students must choose a minimum of four modules (30 ECTS) of the following modules plus EE5002.

Students must register for EE5002 in their first year

|        |                                        |                |            |
|--------|----------------------------------------|----------------|------------|
|        |                                        | 7.5<br>Credits |            |
|        |                                        | 7.5<br>Credits |            |
|        | RD&I Training & Project Planning       | 7.5<br>Credits | Year Long  |
| EE5002 | OOP with Embedded Systems              |                |            |
| EE402  | Mathematical Techniques and            | 7.5<br>Credits | Semester 1 |
| EE488  | Problem Solving                        |                | Semester 1 |
| EE515  | Real-Time Digital Signal<br>Processing | 7.5<br>Credits | Semester 1 |
| EE514  | Data Analysis & Machine Learning       | 7.5<br>Credits | Semester 1 |
| EE516I | Blockchain Scalability                 |                | Semester 1 |
| EE452  | Wireless/Mobile Communications         | 7.5<br>Credits | Semester 1 |
| EE417  | Web Application Development            | 7.5<br>Credits | Semester 2 |
| EE445  | Bioelectronics                         |                | Semester 2 |
| EE507  | Entrepreneurship for Engineers         | 7.5<br>Credits | Semester 2 |
| EE513  | Connected Embedded Systems             | 7.5<br>Credits | Semester 2 |
| EE5001 | Security for IoT and Edge              |                | Semester 2 |
| EE562  | Networks                               | 7.5<br>Credits | Semester 2 |
|        | Network Stack Implementation           | 7.5<br>Credits |            |
|        |                                        | 7.5<br>Credits |            |
|        |                                        | 7.5<br>Credits |            |

Please note: in order to transfer to the MCTY programme students must successfully complete 30 credits (out of the 37.5 credits) that they take, with a minimum of 55% in Level 8 modules and 40% in Level 9 modules.

**\*\*If students want to contact an academic advisor ahead of choosing their modules please contact [Derek.Molloy@dcu.ie](mailto:Derek.Molloy@dcu.ie)**

Last Updated 5th July 2023