

## BACHELOR OF ENGINEERING IN MECHANICAL ENGINEERING (NFQ LEVEL 7)

### CODE: TA\_EAMEC\_D

5 years part time (180 credits.) This course holds Engineers Ireland Accreditation

#### Who is this course for?

Anybody with an interest in pursuing a career in Engineering. Mechanical Engineering provides the graduate with a broad range of skills applicable to many sectors of industry.

#### Entry Requirements

Under 23 years applicants must have ordinary level Grade 06 or better in five subjects. The subject list must include either English or Irish. Ordinary level Mathematics Grade 06 or better is also a requirement to apply for year one of this course.

If a Mature student (over 23 years) you may be exempted from this requirement and are eligible to apply. All applicants must have competence in spoken and written English.

#### Course Timetable

Tuesday, Wednesday, and Thursday  
[18:00-22:00]

#### Who can apply?

This course is open to all eligible students.

#### Course Summary

The programme provides students with a broad understanding of mechanical engineering technology, giving students insight into the latest engineering processes, design tools and sophisticated computer based engineering systems. Students gain experience in solving complex engineering problems and the ability to apply innovative ideas to design projects.

#### Course Information

The programme areas include

- Automation & Control
- Materials Science
- Engineering Design
- Mathematics
- Fluids & Thermodynamics
- Measurement Systems
- Manufacturing Processes
- Electrical Systems & Networks
- Project & Communications

<http://www.it-tallaght.ie/index.cfm/page/coursept?id=287>

#### Career Opportunities

Graduates of this programme currently work in a broad range of industries, including medical device, semiconductor, pharmaceutical, construction, power generation and food processing industries. Many choose to progress to Level 8 upon completion of this programme or to travel with their qualification.

### How to Apply

#### Students apply directly to IT Tallaght

Please apply through [www.it-tallaght.ie](http://www.it-tallaght.ie)

Total cost of course (180 credits) is

Year 1	€1800
Year 2	€1800
Year 3	€1400
Year 4	€1400
Year 5	€1400

Total of the fees above covers the full duration of the course.

#### Please Note

You will be required to pay a €100 application fee with your application. If you are offered a place on the course your fee will be put towards your full course fees. The application fee can only be refunded if the course does not run.

**The balance of fees due are as follows:**

**On acceptance of place - €550**

**Payment of half your course fees due by 31 October 2018.**

**Payment of full fees due by 31 January 2019.**

### KEY DATES

INDUCTION	4&5 September 2018
CLASSES BEGIN	17 September 2018
CLASSES FINISH	End April 2019
EXAMS	January and May 2019
RESULTS	June 2019

#### For further information – course specific

Please Contact: [engadmin@it-tallaght.ie](mailto:engadmin@it-tallaght.ie)

#### For queries on the application process

Please contact [LLL@it-tallaght.ie](mailto:LLL@it-tallaght.ie) or phone the Lifelong Learning Team @ 01-4042101

