

BACHELOR OF ENGINEERING (HONOURS) IN MECHANICAL ENGINEERING (AUTOMATION)

(NFQ LEVEL 8)

CODE: TA_EAUTO_B

*2 years part time (60 credits) This course holds
Engineers Ireland Accreditation*

Who is this course for?

Graduates of the Level 7 BEng in Mechanical Engineering, or with an equivalent Level 7 BEng, who wish to attain an honours degree with a pathway to being a Chartered Engineer.

Entry Requirements

Candidates must have the Level 7 BEng in Mechanical Engineering, or equivalent, with a GPA of 2.5 and a B average grade in Maths.

Course Timetable

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

Who can apply

This course is open to all eligible students

Course Summary

Automation engineers with strong core mechanical engineering foundations are highly valued within the pharmaceutical, medical devices, food, mechanical and manufacturing sectors. Employers have expressed the need for this particular skill set along with their problem solving and analytical skills that a BEng (Hons) Engineering graduate possesses.

Course Information

The programme areas include:

- Dynamic Systems Modelling
- Mathematical Methods
- Measurement & Control Interfacing
- Robot Programming and Vision
- Embedded Control and Automation
- Industrial Statistics & Quality
- Industrial Automation Control
- Manufacturing Systems & Innovative Technologies
- Management & Environment
- Automation Group Project

<http://www.it-tallaght.ie/index.cfm/page/course?id=439>

Career Opportunities

Graduates of this programme can work as an engineer or project manager across a broad spectrum of industry including the biomedical industry, pharmaceutical, machine design and food and beverage industry. The programme appeals to employers or employees who wish to upskill in a highly automated environment where industrial automation is a key focus of the company's business need.

How to Apply



EUROPEAN UNION
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Ireland's European Structural and
Investment Funds Programme
2014-2020
Co-funded by the Irish Government
and the European Union.



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May 2018

Students apply directly to IT Tallaght

Please apply through www.it-tallaght.ie

Total cost of course (60 credits) is

€3650 over two years

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	Mid-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

For queries on the application process

Please contact LLL@it-tallaght.ie or phone the Lifelong Learning Team @ 01-4042101



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