

APPRENTICESHIP IN INDUSTRIAL ELECTRONIC ENGINEERING NFQ LEVEL 7

CODE: TBC

1 year *part time*

Who is this course for?

The new Apprenticeship in Industrial Electrical Engineering leading to the award of a Level 7 Bachelor of Engineering (B.Eng.) Degree is specifically designed as a progression programme for Qualified Electricians who wish to upskill and to acquire advanced knowledge, competences and skills to move into engineering roles in Industry.

Entry Requirements

Applications to the programme can only be submitted by registered Employers. The programme is primarily designed for qualified electricians who meet the entry criteria below.

1. Holder of the Advanced Certificate (Level 6) in Craft (Electrical)
2. Holder of the Advanced Certificate (Level 6) in Craft (Electrical/Instrumentation) or Craft (Refrigeration)
3. Holder of a Higher Certificate in Electrical Engineering (Level 6), or a cognate Level 6 Electrical Certificate, with relevant industrial electrical experience
4. Registered Electrician with qualifications (National Craft Certificate / Senior Trades) other than in (1) or (2) above, can apply for access through recognition of prior learning process. Apprenticeship contracts of employment are with a registered employer. An application for entry to the Programme must be submitted by the employer.

Course Timetable

The course will run over one day and one evening each week. Some additional Saturday sessions will also occur during each Semester. Self-directed work will also be required out of term.

Course Summary

During the Programme the student will gain a thorough understanding of the theory, concepts and methods in the engineering sciences, electrical technologies, mathematics, ICT, as well as in the design and engineering practice relevant to the Industrial Electrical Engineer. The Programme will also allow the student acquire the ability to derive knowledge and apply analysis from the electrical engineering sciences in the design of practical solutions to complex problems in the fields of electrical engineering, energy technology and industrial control systems while taking into account any inherent limitations. The programme is a mix of theoretical and technical modules and will be delivered in a well-equipped and modern laboratory environment.

KEY DATES

INDUCTION	1st/8th September 2018
CLASSES BEGIN	Mid-September 2018
CLASSES FINISH	End April 2019
EXAMS	January and May 2019
RESULTS	June 2019
Head Start Maths and Head Start Academic English:	
<ul style="list-style-type: none"> • 26th May – 30th June 2018 & • 11th August – 8th September 2018 	

Career Opportunities

The Industrial Electrical Engineer will be equipped to design, plan, risk assess, program and commission a wide range of industrial electrical systems safely and in line with all relevant Irish and EU standards.

The Industrial Electrical Engineer will also be trained to lead fault-finding and trouble-shooting of complex electrical equipment, to present proposals & analysis within the company, to carry out statistical analysis & investigation, to compile system documentation, and to constantly assess the needs for upgrading of industrial electrical systems in terms of safety, environmental and technological aspects.

Employer Registration

As part of the national apprenticeship system, there are formal requirements for approval of an employer's suitability to train apprentices and for registration of apprentices. SOLAS is responsible for delivering on these requirements. Applications for entry to the apprenticeship can only be submitted by an employer who is registered for the Industrial Electrical Engineering Apprenticeship on the SOLAS Apprenticeship Client Services System. Employers can contact LIT directly to initiate the registration process or can contact the apprenticeship training advisor from their local Education & Training Board (ETB) or (FAS) Training Centre.

Apprentice Registration

Apprentices from a registered employer, whose application has been approved, can apply for statutory apprenticeship registration with SOLAS. In conjunction with the training

advisor, the Employer and Apprentice must complete the 'Apprentice Registration Form' (TSS-8i-F2/V7). The apprentice will receive written confirmation of their registration within 28 days along with arrangements for a mandatory apprenticeship briefing session.

May 2018

How to Apply

Students apply directly to IT Tallaght

Please apply through www.it-tallaght.ie

Total cost of course €2,400

Please Note

You will be required to pay a €100 application fee with your application. If you are not offered a place on the course your application fee will be refunded. If you are offered a place on the course your fee will be put towards you full course fees. If you do not accept the offered place you will forfeit the application fee.

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.

For further information – course specific

Please Contact: johno.byrne@it-tallaght.ie

For queries on the application process

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