

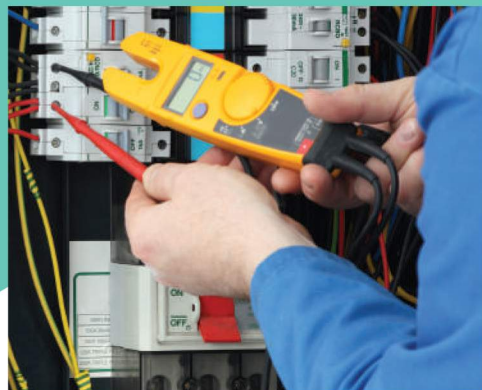
Programme Certification

Candidates who successfully complete the programme will achieve a Level 6 Maintenance Skills Technology major award accredited by QQI.

This accredited programme comprises eight assessed modules. The programme also includes an extra module on Control Systems which is accredited by City and Guilds.

Programme Modules

1. Electrical Principles
2. Programmable Logic Controllers
3. Mechanical Maintenance Skills
4. Electronics
5. Industrial Electrical Systems
6. Maths for Information Technology
7. Communications
8. Work Experience
9. Control Systems



Programme Assessment

Assessment for this programme involves a combination of continuous assessment, and written and practical assessments.

What do I need to get on the Programme?

- Interest in equipment maintenance.
- Natural problem solving ability.
- Good hand to eye coordination – mechanical aptitude.
- Visual acuity which includes depth perception, field of vision and the ability to distinguish between colours.
- Skills in problem solving, and the capacity to read, write, interpret, and work from technical diagrams, and prints is desirable.
- Excellent communication skills.
- Ability to work as part of a team is essential.

Course Schedule

Three courses are planned in this pilot phase and they will be delivered by Kildare and Wicklow Education and Training Board.

On completion of a successful pilot it is the intention to scale the programme in response to industry demand.



Contact us:

If you would like to find out more or apply for the Manufacturing Technician Maintenance Skills programme please contact:

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Manufacturing Technician Maintenance Skills

A programme developed by FIT

with support from 

Technology is
shaping our future
like never before

We live in a time where technology must constantly evolve to make more things possible and all things easier, smarter, and more connected than ever before. Every aspect of our society today, from education, healthcare, enterprise, transportation to our homes and the physical environments around us are being transformed by the potential of technology which has transitioned beyond merely a practical tool to support our everyday lives. With industry analysts estimating that there will be 50 billion connected devices in the world by 2020, it is clear that the current explosion in computing has massive potential for business in terms of growth, innovation and opportunity for unparalleled creativity.

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Background to the Manufacturing Technician Maintenance Skills programme

Underpinning the phenomenal rate of advancement in technology is a vibrant and innovative manufacturing sector which is a major employer of maintenance technicians.

Manufacturing companies involved in the production of computer parts, plastics, bulk chemicals, packaged goods, paper, electrical components, control systems and a host of other products, all rely on competent industrial equipment support staff. Such employers often recruit holders of Craft Certificates in specific disciplines (e.g. electrical, mechanical, instrumentation etc.), however there is also great demand for holders of Certificates with exposure to multiple disciplines.

With this in mind, and with the support of Intel, FIT designed a new programme in industrial equipment support positioned at Level 6 on the National Framework of Qualifications.

The purpose of the programme

This programme is designed to position female and male candidates to pursue a challenging and rewarding career in the exciting role of manufacturing process support in a wide variety of settings.

Manufacturing support roles can encompass electronic, electrical, mechanical, PLC (programmable logic controllers) and some mathematical skills, all of which must be executed in the context of safe working practices which will protect the safety of self and others.

Candidates who successfully complete this programme should be seen in the context of members of a multidisciplinary team of professionals including mechanical and electrical engineers, electricians, supervisors, safety professionals, manufacturer's representatives and others associated with the planning, implementation and maintenance of industrial control systems. It is expected that candidates who successfully complete the programme will be working under the direction of relevant professionals.

The programme also aims to develop the candidate's technical acumen and personal effectiveness, project management and employability skills so as to maximise their potential for employment and to develop the skills and capacity of each candidate to compete in the labour market.

Duration

**This full-time programme
will be delivered over a period
of 48 weeks**