



Innovation
Manufacturing
Engineering
Technology

INDUSTRY 4.0

ADVANCED MANUFACTURING

Level 3 Advanced Apprenticeships

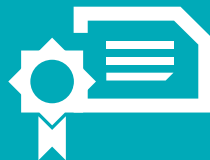
MECHATRONICS MAINTENANCE TECHNICIAN



KNOWLEDGE & SKILLS

Our Mechatronics Maintenance Technician Apprenticeship is designed for those who ensure that plant and equipment perform to the required standard to facilitate production targets regarding Safety, Quality, Delivery and Cost within High Value Manufacturing environments.

Typically the work would cover a broad range of activities including installation, testing, fault finding and the on-going planned maintenance of complex automated equipment.



Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence)

Level 2 Award for Foundation Phase Gateway Assessment

Level 3 Diploma or Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge)

Level 3 Diploma in Advanced Manufacturing Engineering (Development Competence) - Mechatronics Maintenance Technician

On completion, eligible to apply for Engineering Technician (EngTech) status with the Institution of Mechanical Engineers (IMechE)



1 day per week/block release study



42 months

For more information about how we can support your business visit iMET.co.uk



MANDATORY UNITS :

- Health and Safety in the Engineering Workplace
- Communications for Engineering Technicians
- Mathematics for Engineering Technicians



OPTIONAL UNITS INCLUDE :

- Mechanical Principles of Engineering Systems
- Electrical and Electronic Principles in Engineering
- Computer Aided Design (CAD) Techniques
- Engineering Maintenance Procedures and Techniques
- Application and Principles of Programmable Logic Controllers (PLCs)
- Engineering Organisational Efficiency and Improvement
- Industrial Robot Technology



HOW IS IT ASSESSED?

Assessment is completed both in the workplace and at iMET across the duration of the apprenticeship. Following an end-point assessment interview, successful candidates will be awarded the relevant qualifications.



WHAT ARE THE ENTRY REQUIREMENTS?

Candidates must be in possession of a minimum of four GCSEs including English, Maths and Science. Candidates must also be in a relevant job role and attend an interview.



COSTS

These will vary according to the company size and age of apprentice and only applies to employers. Apprentice candidates do not pay apprenticeship course fees.



HOW IS IT DELIVERED?

A combination of technical teaching, project work and research assignments will be delivered at iMET alongside competency-based training completed in the workplace.



ELIGIBILITY

Apprentice candidates should not be on any other Government-funded training; must hold a contract of employment of at least 30 hours per week and must not be self-employed. Residency conditions apply and apprenticeship candidates must be at least 16 years old.



NEXT STEPS

Apprenticeships are available to both existing and new members of staff. Please contact us to discuss your requirements on 01480 379279 or by emailing hello@imet.co.uk.