



Innovation
Manufacturing
Engineering
Technology

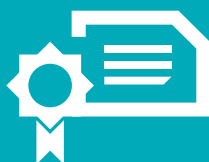
Level 3 Advanced Apprenticeships

ENGINEERING TECHNICIAN - MACHINIST



KNOWLEDGE & SKILLS

Our Machinist apprenticeship is designed for those who are involved in highly skilled, complex and precision work. Machining components from specialist materials using conventional machine tools such as lathes, milling machines and CNC machine tools centres. The work would typically cover a broad range of activities including set up, operation and adjustment of equipment settings, production, editing and use of CNC programmes along with measurement and inspection of components and adjustment of equipment to improve performance.



Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence)

Level 2 Diploma in Machining (Foundation Knowledge)

Level 3 Diploma in Advanced Manufacturing Engineering (Development Competence) – Machining

Level 3 Diploma in Machining (Development Knowledge)

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



MANDATORY UNITS :

- Complying with statutory regulations and organisational safety requirements
- Using and interpreting engineering data and documentation
- Working efficiently and effectively in advanced manufacturing and engineering
- Engineering & environmental health and safety
- Properties and applications of engineering materials



OPTIONAL UNITS INCLUDE :

- Preparing and using CNC milling machines
- Setting CNC milling machines
- Machining components using CNC milling machines
- Engineering Inspection and Quality Control
- Mechanical Engineering Principles
- Producing mechanical engineering drawings using a CAD system



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.