



Innovation  
Manufacturing  
Engineering  
Technology

BUILT ENVIRONMENT

# Level 3 Advanced Apprenticeships

## DIGITAL ENGINEERING TECHNICIAN APPRENTICESHIP



### KNOWLEDGE & SKILLS

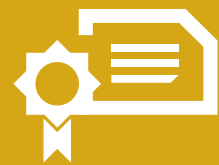
Our Digital Engineering Technician apprenticeship is designed for those who produce detailed engineering solutions for the built environment using digital models, software and electronic visualisations. Three pathways are available within this apprenticeship: Structural Technician, Building Services Technician or Architectural Technologist. Apprentices will develop knowledge & skills by completing a range of mandatory and optional units detailed overleaf.



1 day per  
week/block  
release study



36 months



BTEC Level 3 Extended  
Diploma in Construction  
and the Built Environment;

NVQ Level 3 Diploma in  
Built Environment Design

On completion, eligible to apply for Engineering Technician (EngTech) status with the Institution of Civil Engineers (ICE), The Chartered Institute of Building Services Engineers (CIBSE) or TCIAT status with the Chartered Institute of Architectural Technologists

For more information about how we can support your business visit [iMET.co.uk](http://iMET.co.uk)



#### MANDATORY UNITS :

- Construction Principles
- Construction Design
- Tendering and Estimating
- Construction Technology
- Health and Safety in Construction

#### Building Services Pathway

- Provision of primary services in Construction
- Building Services Science

#### Structural & Architectural Pathways

- Surveying in Construction
- Graphical Detailing in Construction
- Building Regulations and Control in Construction
- Management of a Construction Project

#### OPTIONAL UNITS :

- Building Information Modelling
- Further Mathematics for Construction
- Heating, Ventilation and Air Conditioning Design
- Principles and Application of Structural Mechanics
- Quality Control Management in Construction



#### 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 a in 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](mailto:hello@imet.co.uk).