

BIM

Building
Information
Modeling

Leeds 
College of
Building



WINNER

APPRENTICESHIP
PROVIDER
OF THE YEAR

DIGITAL ENGINEERING TECHNICIAN THE FUTURE OF CONSTRUCTION IS DIGITAL

*Could your business benefit from a
Digital Engineering Technician Apprentice?*

Digital Engineering Technician Apprenticeship

The construction industry is going through some huge changes, often referred to as the “fourth industrial revolution”, which represents a change in how we live and work. So the need for data, information and design in the sector is increasing, as is the use of lasers, drones, BIM processes and data analytics.

The Digital Engineering Technician Apprenticeship has been designed to help employers develop their skills in this field. It involves producing detailed solutions to achieve the optimum performance of built environment projects via digital models and presentations using software, sketches and electronic visualisations.

Qualification & entry requirements

This is a BTEC Level 3 Apprenticeship and candidates will typically have at least 5 GCSEs at Grades A*- C/9 - 4 including English and mathematics.

Topics taught include:

- Construction Principles
- Construction Design
- Construction Technology
- Health & Safety in Construction

The course typically takes 3 years to complete.

On successful completion, the apprentice will have satisfied the requirements for registration as a Technician/Associate through the professional institutions listed below:

- Associate Construction Manager (ACIOB), The Chartered Institute of Building
- Civil Engineering Technician (EngTech MICE), The Institution of Civil Engineers
- Technician Surveyor (AssocRICS), The Royal Institution of Chartered Surveyors
- Building Services Engineering Technician (EngTech LCIBSE), The Chartered Institution of Building Services Engineers
- Associate Technician (AIET), The Institution of Engineering and Technology
- Professionally Qualified Architectural Technician (TCIAT), Chartered Institute of Architectural Technologists

Apprenticeship Training Costs

If you are an apprenticeship levy-payer you could fund this course through your levy payments, and for non-levy payers you will be required to contribute 5% of the course cost.

The current funding band is £21,000.

If you are a non-levy payer and have less than 50 employees and take on a 16-18 apprentice the course will be free.

For all levy-payers who take on a 16-18 apprentice you could receive a £1,000 incentive.

Why study with Leeds College of Building

Leeds College of Building is unique, we are the only FE College in the UK dedicated to construction and the built environment, making us nationally recognised for delivering courses and apprenticeships in this field.

Being specialists in construction we are at the forefront of apprenticeship development. We offer apprenticeships across a huge range of disciplines, from level two to five and have built a solid reputation for our first-rate education and training.

- The College was awarded FE Week Apprenticeship Provider of the Year in 2020 and BTEC Apprenticeship Provider of the Year in 2018
- Our professional and technical apprenticeship achievement rates are at 80%, putting us amongst the top providers in the UK
- We work with over 500 employers
- We currently train 2,500 apprentices
- Many of our apprentices win industry recognised awards like the CIHT Apprentice of the Year, BTEC Outstanding Apprentice of the Year and the ICE Quest Scholarships
- We offer a recruitment service and can help you find apprentices

We work with over 500 employers, including:
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AECOM, Arup, Atkins, BAM Nuttall, Broadley Group, CAPITA, Curtins, Highways Agency, Jacobs, JN Bentley, Leeds City Council, Mott MacDonald, NG Bailey, Stantec, Sweco, Transport for London, TSP, WSP

Get in Touch

We would welcome the opportunity to speak to you about the Level 3 Digital Engineering Technician Apprenticeship and how taking on an apprentice in this field could benefit your business. We can help you to advertise and recruit apprentices and discuss whether your existing employees are ideal candidates for the apprenticeship.

Speak to the Apprenticeship Team

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