

Civil Engineering Technician - Level 3

Role Overview

Civil engineering technicians are vital to construction and engineering, guiding project prep, refining designs, and managing contractor phases. They excel with CAD and BIM, ensuring compliance with industry standards. Technicians drive sustainability, collaborate across teams, and engage stakeholders to deliver on time and on budget. They prioritize safety, environmental impact, and professional growth. Aspiring to this role means committing to excellence, sustainability, and innovation in every project.

Entry Requirements

All applicants must hold a GCSE Grade 4 or higher in Maths and English, and a science is desirable.

Functional Skills in Maths and English at Level 2 are acceptable if GCSE grades were not obtained.

If a candidate does not meet these requirements but you feel they would be able to then please contact us to discuss further.

During their apprenticeship, civil engineering technician apprentices will learn to:

- Understand engineering principles, maths, science, and technology.
- Design, construct, and maintain infrastructure using industry standards.
- Collect and analyse project data.
- Create technical drawings with CAD/BIM software.
- Implement health, safety, and risk management policies.
- Follow regulations like CSM, CDM, and DMRB.
- Apply sustainable development principles.
- Ensure equality, diversity, and inclusion in projects.
- Manage projects with quality assurance.
- Communicate effectively and ethically.
- Maintain professional development through IPD and CPD.
- Work safely, independently, and with attention to detail.
- Collaborate professionally and stay motivated.

The programme takes place over up to 36 months, followed by the End Point Assessment.

Practical experience is integral to our learning approach, fully utilizing our state-of-the-art facilities at Bircham Newton. With extensive land designated as a construction site and ample indoor spaces, we ensure learners can engage hands-on in their practice every step of the way.

All our apprenticeships are residential. With an on-site restaurant, social hub, gym, and welfare facilities we ensure that pastoral care is prioritised as much as learning.

Professional Recognition and Progression

Before completing their apprenticeship, all learners will gain a **BTEC Level 3 Diploma in Civil Engineering**, which carries UCAS points to enable the learner to continue their studies post apprenticeship.

On completion of the apprenticeship the apprentice will be eligible for registration as an engineering technician by the relevant professional engineering institutions.

End Point Assessment

The independent end point assessment typically lasts for 4 months after the end of the programme.

Assessment Methods:

- Technical Project Report and presentation with questioning
- Professional discussion underpinned by portfolio

Funding Information

- ESFA Funding Value of £14,000
- CITB Registered Companies can apply for:
 - [£2500 Attendance Grant per year](#)
 - [£3500 Completion Grant, on achievement](#)
 - [Reimbursement of all travel costs above £20](#)

What to expect from us

- Help to decide if an apprentice is right for your business, signposting you to other options where it isn't.
- Support, advice, and encouragement, every step of the apprenticeship journey.
- Dedicated account management, completing any necessary paperwork and helping you access government and CITB funding for apprenticeships.
- Industry expert trainers, delivering immersive training to help apprentices gain new skills quickly and efficiently.
- Visits every 10 weeks from our Skills Coaches to help you and your apprentice put their new skills into practice in the workplace.

For further information, contact your dedicated Account Manager, **George Gooderson**:

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