

CIVIL ENGINEERING TECHNICIAN

(LEVEL 3)



Who is this apprenticeship programme for?

As a Civil Engineering Technician, you will be responsible for providing technical support to engineers and construction professionals as you work and collaborate in the design, development, construction, commissioning, decommissioning, operation or maintenance of built environments and infrastructure projects.

You will develop high levels of skill in areas which include sustainable construction, structural integrity, geotechnics, materials, tunnelling, marine and coastal engineering, water, waste management, flood management, transportation and power.

Acquiring highly specialised and technical skills as a Civil Engineering Technician, you will become adept at scoping project delivery plans, producing models, reports and calculations to aid effective project implementation. You will contribute to the effective delivery of live infrastructure projects, managing work schedules, budgets and deadlines, whilst ensuring outputs comply with industry specifications and standards.

Entry requirements

In order to complete the programme you will need to meet Functional Skills requirements specified below. As this is a work-based program you will need to have the support of your line manager. Both parties will be asked to complete the Declaration of Commitment at a later stage.

Duration

The duration of this apprenticeship programme is 36 months.

Qualifications

On the successful completion of this Apprenticeship programme, you will achieve an industry recognised Level 3 Apprenticeship as a Civil Engineering Technician and satisfy the requirements for registration with the Engineering Council as an Engineering Technician.

Progression

Completion of the Civil Engineering Technician offers a wide range of progression opportunities to more senior positions that include Civil Engineer, Construction Quantity Surveyor or Chartered Surveyor.

Level

This apprenticeship is set at level 3.

Professional Coaches

Throughout your apprenticeship you will be guided by a Professional Coach who will meet with you and your line manager at your workplace. They will be on hand to coach, mentor and embed your learning support you to progress and achieve your full potential.

Functional Skills

In order to complete this apprenticeship, you need to have achieved equivalent to Maths and English GCSE at grade C or above. If you do not currently have these qualifications, Business Plus will support you to gain them as part of the apprenticeship without any additional time or costs added onto the programme. Learning can be provided in a variety of ways ensuring a positive experience.

What will this programme cover?

Knowledge

- ✓ Design techniques & methods
- ✓ Scientific, technical & engineering principles
- ✓ Resource & time management
- ✓ Sustainable development, economic, environmental & social wellbeing

Skills

- ✓ Application of scientific, technical & engineering principles
- ✓ Collaborative working
- ✓ Communication at work
- ✓ Safe working practices
- ✓ Continuous Professional Development

Behaviours

- ✓ Professional, proactive & receptive to advice & guidance
- ✓ Be willing to learn new skills
- ✓ Independent working
- ✓ Positive approaches to problem solving
- ✓ Effective contribution to discussions with the team

How will I learn and complete the programme?

During the programme you will be required to attend training at our award winning Civil Engineering Training Centre (CETC), attending workshops in a mock construction site setting that will enable you to gain knowledge and skills required for the successful completion. As a part of the programme you will be required to complete various activities in the workplace that will demonstrate your knowledge and understanding of the subject and will form part of your portfolio. At the start of the programme, your Professional Coach will work with you to create an Individual Learning Plan which will list all the work that you will need to complete and deadlines for this work.

E-Portfolio

All the work you complete during your programme, including any assessments, will be stored on our e-portfolio system, OneFile. You will use your e-portfolio to track your progress, submit evidence and review feedback from your Professional Coach. Your manager will have access to your portfolio as well so they can see how well you are progressing and support you with your tasks when needed.

20% Off-Job-Training

Off Job training is learning which is undertaken outside of the normal day-to-day working environment and leads toward the achievement of an apprenticeship programme. Your 1:1 coaching/mentoring sessions with your Professional coach as well as masterclasses will contribute to the 20% off job training. Your Professional Coach will discuss with you and your manager what activities should be completed to ensure this requirement is met and how to record them.

End-Point Assessment

To achieve this apprenticeship programme, the employer, training provider and you will agree when you are ready and competent to undertake the independent end point assessment. You will learn more about this during your induction session.

Apprenticeship Programme Onboarding Process



PRE ENROLMENT CHECKS

- ✓ Expression of interest
- ✓ Managers approval



INITIAL ASSESSMENT

- ✓ Online assessment of Math and English
- ✓ Role scan



ENROLMENT

- ✓ Declaration of commitment
- ✓ Submission of relevant documents



INDUCTION

- ✓ Mandatory attendance at induction



FINAL ONBOARDING

- ✓ Final compliance check of enrolment packs