



Civil Engineering Technician Apprenticeship Level 3

Job Description:

As an Apprentice you will work under the supervision of a Site Manager and will aid in the construction of residential new build residential developments.

Person Specification:

You should:

- Be 18+ years old
- Have an interest in construction/civil engineering
- Excellent communication skills
- Have good practical and problem-solving skills
- Be confident to work at a height
- Be able to work as part of a team
- Be able to work to deadlines
- A can do attitude and hungry to learn
- Have a basic understanding of safety issues and regulations
- Be able to follow clear instructions. This requires the ability to listen very carefully and communicate effectively.
- Have a second language such a Romanian, Albanian or Russian – Preferable
- Deal with the public in a positive, courteous, and respectful manner

Key Responsibilities:

- To always adhere to site Health and Safety procedures
- Keep an accurate diary of work-based evidence
- Submit required evidence to the NVQ Assessor
- Attend on site assessment for the successful completion of the Level 2 NVQ
- Be punctual and maintain an excellent attendance record

The entry requirements for the apprenticeship are:

- Entry requirements: An apprentice will be expected to have achieved at least 5 GCSEs at Grades A*-C, 4-9 including Maths (Grade B/6), English and Science or their equivalent.

Who is the Civil Engineering Technician Apprenticeship for?

A Civil Engineering Technician provides technical support to engineers and other construction professionals in the design, development, construction, commissioning, decommissioning, operation or maintenance of the built environment and infrastructure.

Technicians will be required to have a broad skills base to work in areas which include sustainable construction, structural integrity, geotechnics, materials, tunnelling, marine and coastal engineering, water, waste management, flood management, transportation and power.



Design – assisting in the development of technical solutions by producing design models, calculations, reports and drawings, surveying a site, using appropriate analysis and relevant codes.

Analysis – using appropriate software systems and other data gathering tools and tests to solve technical problems.

Project delivery – contributing to planning, managing work schedules, budgets and deadlines, and ensuring outputs comply with client and industry specifications, standards and guidance.

Site engineering – operating quality systems and Health, Safety and Risk Management procedures and checking specified technical aspects of site activities.

What knowledge will be learnt?

- The different techniques and methods used to design, build and maintain civil engineering projects.
- The appropriate scientific, technical and engineering principles relating to the design, delivery and maintenance of infrastructure and buildings.
- How to work effectively and contribute to engineering solutions by the correct use of resources and time
- How to communicate effectively using a range of techniques.
- The code of conduct of relevant professional bodies and institutions including ethics and their application in design and delivery of projects.
- Safe working practices and how to comply with them
- Sustainable development and their own contribution to economic, environmental and social wellbeing.
- Sources of and approaches to Continuing Professional Development (CPD)

What skills and behaviours will be developed?

- Select and use appropriate scientific, technical and engineering principles, techniques and methods to contribute to the design and delivery of infrastructure and building projects
- Work with others to contribute to produce integrated engineering solutions by the correct use of resources and time
- Manage and maintain the quality of their own work and that of others
- Communicate effectively and appropriately with others using a range of techniques
- Keep themselves and others safe by adhering to safe working practices
- Maintain their own skills base and learning
- Take a responsible approach to health and safety
- Be professional, proactive and receptive to constructive advice and guidance
- Be willing to learn new skills and to adapt in the light of experience
- Know one's limitations and when to ask for help or escalate
- Work independently when appropriate and take responsibility for and pride in their work
- Demonstrate a positive approach to problem solving
- Effectively contribute to discussions as part of a team

**Progression Opportunities**

- Progression into further Civil Engineering roles, Level 4 qualifications and management positions.

Qualifications you gain:

- Civil Engineering Level 3 Apprenticeship

Methods of assessment and Study Mode:

- Online with tutor led sessions
- Blended learning with online and face to face sessions and support (at the employers' premises)
- There is an End Point Assessment for this Apprenticeship - This is when the Apprentice will demonstrate they have learnt the required knowledge, skills and behaviours.

Benefits:

- £375 gross weekly wage
- Pension
- PPE