

Construction

Construction: Site Engineering Technician Level 4 Apprenticeship

In Brief

Start Date / Duration

This apprenticeship programme can be started at any time. The typical duration for this Apprenticeship is three years but this will depend upon the previous experience of the apprentice and access to opportunities to gain the full range of competence.

Entry Requirements

Individual employers will determine their own entry requirements, but the typical entry requirements for this Apprenticeship will be five GCSEs or equivalent, including Maths, English and a Science; or a Level 2 Apprenticeship.

You will achieve

A Level 4 qualification in Construction and Built Environment that meets the knowledge requirements of the standard and is approved by the Institution of Civil Engineers as meeting the educational requirements for EngTech MICE

Course Overview

The occupation covered by this standard is Construction Site Engineering technician and typical job titles can include: Assistant Site Engineer, Assistant Engineer, Civil Engineering Technician or Construction Site Technician. In the case of SME construction companies the roles are likely to include Site Engineer, Civil Engineer or Project Engineer. They are associated with the dimensional control and application of engineering solutions on construction projects and are based on construction sites with occasional time in offices.

The main duties and tasks of a Construction Site Engineering Technician are;

- Dimensional control of construction projects
- Assisting design teams with civil engineering solutions on construction projects
- Supervision of specialist contractors
- Contribute to the control of health and safety on construction projects
- Recording, control and reporting of progress on a construction project
- Contribute to the minimisation of the environmental impact of construction projects
- Control the quality of works on a construction project

Click here [<https://www.instituteforapprenticeships.org/apprenticeship-standards/construction-site-engineering-technician/>] for more information regarding the apprenticeship standard

Course Content

Learners will need to show competence in the following areas;

- Health and Safety
- Understand the principles and responsibilities imposed law and other regulations in a construction environment
- Sustainability
- Understand the sustainability issues in projects across economic, social and environmental aspects
- Engineering Principles
- Understand engineering techniques, procedures and methods and the principles of design
- Construction Management
- Understand management principles and the project management lifecycle
- Planning and Organising Work
- Understand the importance of project planning and resourcing and be able to analyse different techniques
- Monitor Quality
- Able to define the quality required on a finished construction project

How will I be assessed?

You will be assessed by your assessor using a portfolio of evidence, practical demonstrations and assignments. You will be assessed both in College and in your place of work.

What Equipment Will I Need?

You will be required to provide paper, writing materials, A4 ring binder file, extra wide dividers and clear plastic wallets.

Where will I study?

You will study within the workplace and attend classes at Barnsley College's Construction Centre, Honeywell Site, Honeywell Lane, Barnsley S75 1DP.

What can I do next?

The following qualification will be gained:

This Apprenticeship will include the knowledge, skills and behaviours required to achieve Technician status with the Institution of Civil Engineers (EngTech MICE). The Technician Professional Review process for EngTech MICE is included in the end-point assessment process for this Apprenticeship and will lead to the designatory letters EngTech MICE and the status of Engineering Technician.

How much does the course cost?

There is no cost to being an apprentice. All costs associated with your apprenticeship, including the cost of training and your salary, will be paid by your employer.

Financial support

You may be eligible for assistance with expenses such as travel, books, equipment and childcare. For further information please contact the Student Services Team on +44 (0)1226 216 114.

Extra information

Contact the Apprenticeship Team

For further information please contact the team on +44 (0)1226 216 123 or email: info@barnsley.ac.uk [<mailto:info@barnsley.ac.uk>]

Want to join Barnsley Sports Academy and the Sports Village?

Barnsley College has a range of sports opportunities for all students to take part in, gain professional training and compete nationally and internationally. We also have a state-of-the-art fitness village, Honeywell Sports Village [<https://www.barnsley.ac.uk/shops-services/honeywell-sports-village/>] where students can make use of our fitness suite, spinning studio and classes for competitive rates. You don't have to be studying sport to get involved in the Sports Academy [<https://www.barnsley.ac.uk/our-departments/sport/sports-academy/>].

Additional Learning Support

Our Additional Learning Support team can provide you with the support you need. Please contact them on +44 (0)1226 216 769.

Disclaimer

Please note we reserve the right to change details without notice. We apologise for any inconvenience this may cause.

Last updated: 12th January 2021

Want to apply?

Visit <https://www.barnsley.ac.uk/apply> to get started

Call us on **01226 216 123**