

Apprenticeships +

Construction
Quantity Surveying
Technician

Apprenticeship
Level 4





Quick Information

New Apprenticeship Standard designed by employers for employers

Sector

Construction

Who is it for?

Trainee Quantity Surveying technicians

Start date

September start

Level

Level 4

Duration

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

How does it work?

Attending Sheffield college 1 day a week, Studying an HNC Construction for 2 years and working towards an End Point Assessment in year 3.

Content

The purpose of BTEC Higher Nationals in Construction and The Built Environment is to develop students as professional, self-reflecting individuals able to meet the demands of employers in the construction and the built environment sector and adapt to a constantly changing world. The qualifications aim to widen access to higher education and enhance the career prospects of those who undertake them.

Assessment

The HNC is an assignment based qualification, studying 8 units over the 2 years.

Qualification

Pearson BTEC Level 4 Higher National Certificate and the Built Environment (Construction).

Additional qualifications

GCSE English and Maths (Grade C or above); apprentices without level 2 English and Maths will need to achieve this level prior to taking the End Point Assessment.

Review

This Apprenticeship standard should be reviewed three years after approval of the standard.

Construction Quantity Surveying Technician

Monitoring and controlling costs and contracts on construction projects

The main duties and tasks of a Construction Surveying Technician are:

- Assisting senior managers with the budgeting of construction projects
- Control of costs during a construction project
- Selection and management of specialist contractors
- To contribute to the mitigation of disputes using accurate records
- Recording, control and reporting of income and expenditure on a construction project
- Valuation of progress on construction projects
- To assist senior managers with the legal and contractual issues on a construction project



Key Areas of Study

The Knowledge, skills and behaviors content are embedded within the course either within the HNC or the portfolio of evidence that is to be collated with the help of the Work Based Assessor.

Typical job roles

Typical job titles can include: Assistant Quantity Surveyor, Assistant Construction Surveyor, Quantity Surveying Technician, Assistant Cost Engineer or Assistant Cost Analyst. Construction Quantity Surveying Technicians are associated with the monitoring and control of costs and contracts on construction projects and are based on sites or in offices.

Knowledge

What is required:

- **Health and Safety:** Understand the principles and responsibilities imposed by law and other regulations in a construction environment
- **Sustainability:** Understand the sustainability issues in projects across economic, social and environmental aspects
- **Construction Technology:** Understand different construction techniques and materials and the principles of design
- **Contracts:** Understand different forms of contracts used in construction and why they are applied in different situations
- **Procurement:** Understand the different types of procurement process and negotiation requirements
- **Cost control:** Understand the importance of controlling costs during a construction project and the effect of changes to the project
- **Financial reporting:** Understand the various forms of reporting on project progress

Skills

What is required:

- **Health and Safety:** Apply health and safety issues to all activities
- **Sustainability:** Demonstrate application of the principles of sustainability
- **Construction Technology:** Assist in the implementation of the most appropriate solutions for construction projects
- **Contracts:** Be able to apply different types of contracts to different situations
- **Procurement:** Assist in the selection of and negotiation with specialist contractors for a construction project
- **Cost control:** Assist in the measurement and costing of construction works during a project
- **Financial reporting:** Assist in the preparation of financial reports, cash flow and cost forecasts for a construction project
- **Administration:** Assist in the collection, collation and storage of relevant data and its analysis

Behaviours

What is required:

- **Commitment to Code of Ethics:** Understand and apply the Code of Conduct and conduct regulations, ethics and professional standards relevant to industry's recognised professional bodies
- **Continuing Professional Development:** Identify own development needs and take action to meet those needs. Use own knowledge and expertise to help others when requested
- **Commitment to Equality and Diversity:** Understand the importance of equality and diversity and demonstrate these attributes so as to meet the requirements of fairness at work
- **Communicate Effectively:** Be able to contribute effectively to meetings and present information in a variety of ways including oral and written
- **Conflict Avoidance:** Be able to assist in planning to avoid conflict and resolving issues that do arise
- **Work in Teams:** Be able to work with others in a collaborative and non-confrontational way
- **Demonstrate Innovation:** Be able to identify areas for improvement and suggest innovative solutions

Training, Tutoring and Assessment

We are committed to delivering a course that facilitates the students need to progress in education to allow them to expand their knowledge and experience to help with the opportunity of promotion within their own companies.

Our expectations are that the student fully engages with the course programme, allocating sufficient time with their studies at college and self directed studying and with the full support of their employers.

End Point Assessment

The EPA must be completed within an EPA period lasting typically 6 month(s), beginning when the Apprentice has passed the EPA gateway. The EPA consists of 3 discrete assessment methods. The individual assessment methods will have the following grades:

Assessment method 1: Online test

- Pass
- Fail

Assessment method 2: Project

- Pass
- Fail
- Distinction

Assessment method 3: Professional discussion

- Pass
- Fail
- Distinction

Performance in the EPA will determine the overall Apprenticeship standard and grade of:

- Pass
- Fail
- Distinction

For more information on the assessment for the **Construction Quantity Surveying Technician** Apprenticeship please see the full assessment plan in the Apprenticeship Standard. We will arrange the End Point Assessment.



Apprentice 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 3 certificate in a closely aligned qualification.

Link to professional registration

This Apprenticeship will include the knowledge, skills and behaviours typically required to achieve Technician status or the equivalent with the industry's recognised professional bodies. The final assessment process for this Apprenticeship will typically be representative of the review process required for professional registration.

Other Qualifications

The following qualification will be gained:

A Level 4 qualification in Construction and Built Environment that meets the knowledge requirements of the standard and is approved by the industry's recognised professional bodies meeting the educational requirements for Technician status or the equivalent level of membership.

English and Maths; Apprentices without level 2 English and Maths will need to achieve this level prior to taking the End Point Assessment.

More Information

To find out more about the opportunities and financing of Apprenticeships and to discuss your particular requirements, please email apprenticeshipsandtraining@sheffcol.ac.uk or call **0114 260 2600** to speak to one of our friendly employer advisors.

Get In Touch

Email

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Why choose The Sheffield College?

As one of the region's largest providers of Apprenticeships, The Sheffield College is more than just your local provider; we deliver the dedicated support you need to source, train and get the best out of your Apprentice.

We appreciate how difficult and time consuming it can be to recruit suitable staff. That's why we will source, shortlist and prepare candidates before you meet them.

We help you get the best deal by finding the right funding and we handle the paperwork to make the process of arranging an Apprenticeship training programme as smooth as possible. Our Employer Partnership Team, Apprenticeship Tutors and assessment staff are experts, and we invest time and money in training and upskilling them regularly so their knowledge is up-to-date and industry standard.

At The Sheffield College we go above and beyond; we know that every business is different and we help to develop Apprentices who will meet the needs of your business.