

SURVEYING TECHNICIAN APPRENTICESHIP LEVEL 3



For new or existing staff

This apprenticeship standard is for those seeking to become qualified Surveying Technicians with a digital construction bias, whether they are individuals looking to start a career in the construction trade, or competent workers wishing to upskill. The main duties and tasks of a Surveying Technician include collecting and managing information from inspections or visits to buildings, land and construction sites; taking appropriate measurements of buildings, land or plans; meeting with other professionals, clients, customers and others to obtain and provide information relating to the Golden Thread associated with land, property or construction, and undertaking costings and/or measurements and/or valuations using data collected from research.

Qualification

Level 3 Diploma in Surveying

Upon completion, an apprentice will become an Associate Member of the Royal Institution of Chartered Surveyors (RICS)

Completers may want to progress to Construction Quantity Surveying Technician, Site Management or Construction Management Level 4. Learners could progress to Higher National or undergraduate degree courses

Delivery model and duration:

Apprentices will attend college one day per week. Theory lessons will be reinforced in the workplace and practical skills will be practiced and enhanced in college and the workplace. This can be supported by some remote delivery if required.

Duration: 24 months plus End Point Assessment

The apprenticeship will cover the following core areas:

- Construction Technology
- Data collection, analysis and information management
- Economics
- Health and Safety
- Law
- Sustainability and carbon measurement
- Professional and behavioural skills

Benefits for learners:

- Receive training from experts with years of industry experience
- Gain a nationally recognised qualification
- Become occupationally competent
- Advance career aspirations

Ideal for:

- Building Surveying Technicians
- Cost Managers

Benefits to business:

- Nurture loyal and competent members of staff
- Upskill existing members of staff
- Gain employees who have the relevant knowledge and skills to succeed in their role

Entry Criteria:

- 5 GCSE with Science, English and Maths Grade 9 - 4 or A* - C

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End Point Assessment

The End Point Assessment will test the entire Standard and will be assessed by the production of:

- A summary of experience
- A case study
- The recording of a minimum of 48 hours of continuing professional development
- The RICS ethics course

In the context of land, property and construction:

Core Knowledge	Overview
Law	Outline the English legal system, law of contract and law of tort
Data collection	Explain key mathematical principles, principles of measurement, the importance of accuracy, data management, confidentiality and the role of information management in the context of the legal requirement for project controls
Economics	Be aware of economic principles and the operation of economic and property/construction markets
Health and safety	Describe the principles and responsibilities imposed by law, codes of practice and other regulations
Sustainability	Explain how and why sustainability seeks to balance economic, environmental and social objectives, including the role of measuring embodied and operational carbon
Construction Technology	Describe the technology of low rise buildings including materials
Personal effectiveness	Explain how to manage own time and tasks, communicate and negotiate effectively and the relevance of behavioural skills and collaboration
Procurement and contracts	Describe the main types of procurement and tendering and the various forms of contract used in the construction industry and the role of integrated project insurance
Costing and cost planning of construction works	Be aware of the principles of quantification and costing of construction works and how cost planning assists in the financial control of projects and the intrinsic role of digital twins

In the context of the surveying environment:

Core Knowledge	Overview
Data collection and analysis	Measure, collect and control data relevant to the managed Built Environment
Health and safety	Demonstrate the application of health and safety issues and the requirements for compliance
Construction technology	Apply the principles of construction technology and the environmental performance of materials and the growing importance and influence of digital twins
Law	Apply the principles of contract law to include either contracts for acquisition/disposal of property, standard forms of building contracts or other property related contracts
Personal effectiveness	Manage own time and tasks, communicate and negotiate effectively
Procurement and contracts	Implement procurement routes selected for projects and carrying out tendering processes relevant to them and introduction of integrated project insurance
Costing and cost planning of construction works	Quantification, costing and cost management of construction works, including the use of appropriate standard methods of measurement and forms of cost analysis and adoption of digital twins

Components

Level 3 Diploma in Construction and the Built Environment

Submission of a portfolio of evidence

Level 2 English and Maths (for those without GCSE Grade C or higher in Maths and English) in line with the funding rules