

Apprenticeship Standard – Surveying Technician

1. Occupation(s)

The occupations covered by this standard are associated with surveying technicians acting on behalf of clients or employers in an assistant capacity. The types of surveying technician included are:

- Building Surveying Technicians
- Commercial Property Surveying Technicians
- Residential Property Surveying Technicians
- Land Surveying Technicians (including rural, minerals and waste management and planning and development)
- Valuation Surveying Technicians
- Consultant (Professional) Quantity Surveying Technicians
- Consultant (Professional) Project Management Technicians

2. Occupational profile

The main duties and tasks of a Surveying Technician are:

- To collect information from inspections or visits to buildings, land and construction sites
- To take appropriate measurements of buildings, land or plans
- To meet with other professionals, clients, customers and others to obtain and provide information relating to land, property or construction
- To collect and record data relating to land, buildings or construction for technical use
- To manage work tasks relating to the area of practice
- To undertake costings and/or measurements and/or valuations using data collected from research
- To ensure a safe working environment for themselves and others

3. Requirements: Knowledge, Skills and Behaviours

A successful apprentice will have met the core requirements in terms of knowledge and skills and all the behaviour requirements plus two of the optional requirements for both knowledge and skills.

CORE KNOWLEDGE	
	What is required - In the context of land, property and construction:
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 and confidentiality
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
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

OPTIONAL KNOWLEDGE	Choose two from the following:
<i>(letter indicates related optional knowledge)</i>	What is required
a. Valuation and appraisal	Describe the reasons for valuations and the methods to provide both capital and rental valuation advice
b. Building pathology	Be aware of common building defects including collection of information, measurement and tests
c. Land, property and planning law	Explain principles of land law, the law of landlord and tenant and planning law
d. Procurement and contracts	Describe the main types of procurement and tendering and the various forms of contract used in the construction industry
e. 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

CORE SKILLS	
	What is required: In the context of the surveying environment:
Data collection and analysis	Measure and collect data relevant to the surveying discipline
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
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

OPTIONAL SKILLS	Choose two from the following:
<i>(letter indicates related optional knowledge)</i>	What is required:
a. Valuation and appraisal	Undertake capital and rental valuations and demonstrate involvement with the preparation of client reports. Use a variety of valuation methods and techniques and use the relevant valuation standards and guidance
b. Building surveys	Undertake surveys, using survey and other information to diagnose cause and mechanisms of failure
c. Land, property and planning law	Apply the law and practice relating to at least two of land, property, landlord and tenant or planning
d. Tendering and procurement	Implement procurement routes selected for projects and carrying out tendering processes relevant to them
e. Costing and cost planning of construction work	Quantification, costing and cost management of construction works, including the use of appropriate standard methods of measurement and forms of cost analysis.

Note relating to optional knowledge and skills: Typically apprentices following the Valuation, Residential or Commercial Property, and Land pathways will take a and c whilst those following Building Surveying will take b and d and those taking Consultant Quantity Surveying will take d and e but the final decision will be that of the employer.

BEHAVIOURS	What is required
Provide a high standard of service	Always ensure you provide the best possible service, ensure you give attention to detail and meet all deadlines set
Act in a way that promotes trust in the surveying profession	Act in a professional and positive manner at all times
Act with integrity	Be honest and straightforward in all that you do.
Treat others with respect	Treat everyone with courtesy, politeness and respect
Take responsibility	Be accountable for all your actions

4. Entry

The entry requirement for the apprenticeship will typically be five GCSEs at Grade C or higher including Maths and English or a Level 2 apprenticeship in a construction or property related discipline but the final decision is that of each employer. Apprentices who are granted entry without GCSE Grade C or higher in Maths and English will be required to achieve Functional Skills in English and Maths at Level 2 as part of the apprenticeship.

5. Qualifications

Apprentices will achieve a Level 3 Diploma in Surveying as a pre requisite to end point assessment and will become Associate members of the RICS (AssocRICS).

6. English and Maths

Apprentices without level 2 English and Maths will need to achieve this level prior to taking the end-point assessment.

7. Professional registration

The apprenticeship will provide the necessary knowledge skills and behaviours for successful apprentices to become Associate members of the Royal Institution of Chartered Surveyors.

8. Duration

The apprenticeship will typically be undertaken over two years.

9. Level - The apprenticeship standard is at Level 3.

10. Review date - The apprenticeship standard will be reviewed at least every three years.