



The Surveying Degree Apprenticeship High Level Skills and Knowledge include

Skills

A Surveyor will be able to:

Provide data, information, and advice for clients relevant to the surveying discipline.

Recommend solutions to ensure safe and secure working environments.

Manage terms of engagement in accordance with professional standards.

Undertake site inspections and surveys and report on outcomes.

Undertake feasibility studies or appraisal relevant to the field of practice.

Use standards methods of measurement and where appropriate instrumentation to take measurements of land and property.

Prepare and present measurements in an appropriate manner.

Analyse costs and benefits of sustainability initiatives on a project utilising Information Technology

Provide good customer services.

Negotiate solutions to issues affecting both owners and occupiers of land and property including at least two elements of regulators matters.

Apply Welsh Safety Standards

Specific Skills for Building Surveyors

Provide advice relating to the construction technology of buildings and their materials.

Carry out the preparation of the design and specification of building projects from outline proposals to completion of the design and specification process.

Apply the detailed pathology of buildings and the related defects, causes and remedies.

Work with standard forms of building/construction contract and subcontract, contractual mechanisms and procedures applied at various stages of the contract.

Undertake the role and responsibilities of the contract administrator and the duties of the parties to the contract.

Apply the different forms of procurement and tendering are appropriate and the clauses of building/infrastructure contracts.

Apply Techniques to manage contractors, sub-contractors and/or suppliers. Reporting and forecasting.

Specific Skills for Real Estate Surveying (Property)

Explain and use comparative and investment methods of valuation to undertake capital and rental valuations and appraisals of land and property and prepare valuation reports for clients

Evaluate how land law, landlord and tenant law and planning law affects the occupation, management and use of land and property

Contribute to negotiated solutions to issues affecting the ownership and occupation of land and buildings

Inspect and measure land and property.

Undertake complex capital and rental valuations of land and property and the requirements for valuation reporting.

Knowledge

A Surveyor will know:

Understand the terms for acquisition/disposal of property or contract administration.

The law and the role of legal advisers relating to either acquisition/disposal of property, standard forms of building contracts or other property related contracts.

The methods and techniques for providing information, data and advice to clients or colleague or stakeholders.

Accounting procedures and methods for obtaining and managing finance.

How to ensure safe and secure working environments for self and others.

The importance and recognition of diversity. Legal, regulatory, and ethical requirements including inclusive environments e.g. The Future Generations act

How to embed sustainability into projects and how to influence client and stakeholder behaviour to mitigate climate change e.g. supply chain procurement.

The technology of complex buildings including materials.

How to manage client/customer, stakeholder relationships.

The methodology for completing a property inspection and inspection techniques.

The various stages of the design process, legal requirements and regulations including planning, Building Regulations and health and safety requirements and the structural implication of design.

How land law, the law of landlord and tenant and planning law affects the occupation, management and use of buildings and land.

The requirements and reasons for a property inspection. Safety issues when undertaking an inspection and identifying access arrangements.

The basis on which measurement should be undertaken, data capture techniques and appropriate standards and guidance. Limitations and degrees of accuracy required for measurements

Understand the environmental impact of Construction activities and how to minimise negative impacts during all stages of Construction.

Knowledge specific to Building Surveying

The detailed pathology of buildings and the related defects, causes and remedies.

The Standard forms of building/construction contract and subcontract, contractual mechanisms and procedures applied at various stages of the contract.

The role and responsibilities of the contract administrator and the duties of the parties to the contract.

When different forms of procurement and tendering are appropriate and the clauses of building/infrastructure contracts.

Techniques to manage contractors, sub-contractors and/or suppliers. Reporting and forecasting.

Knowledge specific to Property Surveying (Real Estate)

How to undertake complex capital and rental valuations of land and property and the requirements for valuation reporting.

Behaviours

Provide a high standard of service - Always ensure your client, or others to whom you have a professional responsibility, receive the best possible advice, support, or performance of the terms of engagement you have agreed to and ensure you always give attention to detail.

Act in a way that promotes trust in the surveying profession - Act in a manner, both in your professional life and private life, to promote you, your firm, or the organisation you work for in a professional and positive way.

Act with integrity - Always be trustworthy, open, and transparent. Respect confidential information of your clients or potential clients and do not allow bias, conflict of interest or the undue influence of others to override your professional or business judgments or obligations.

Always act consistently in the public interest when making decisions or providing advice.

Treat others with respect - Treat everyone with courtesy, politeness and respect and consider cultural sensitivities and business practices.

Promoting and consider sustainability, and energy efficient practices to minimise negative Environmental and Climate change impact.

Take responsibility – Always act with skill, care and diligence and deal with any complaint in an appropriate professional manner using own initiative where and when required,

Identify own development needs and take appropriate action to meet those needs.

Understand and adhere governance and regulatory frameworks of Industry Professional

Bodies e.g RICS, CIOB. Global and professional ethical standards and apply the Rules of

Conduct and how to deal with ethical dilemmas.