

Unit 1: Structure of the Construction Industry

Unit code: L/600/0029

QCF Level: 2

Credit value: 5

Guided learning hours: 30

Unit aim and purpose

This unit develops learners' understanding of the diversity, complexity and impact of the UK construction industry on our lives and also the contribution made by those who work within it.

Learning outcomes and assessment criteria

In order to pass this unit, the evidence that the learner presents for assessment needs to demonstrate that they can meet all the learning outcomes for the unit. The assessment criteria determine the standard required to achieve the unit.

Learning outcomes	Assessment criteria
1 Understand the diversity and complexity of the construction industry	1.1 describe the range of work undertaken by the construction industry
	1.2 compare the types of client that use the construction industry
2 Know the contribution the construction industry makes to our social and economic wellbeing	2.1 describe the social and economic benefits of the construction industry in both national and local terms
3 Know about human resources in the construction industry	3.1 identify the personnel working in the construction industry
	3.2 describe the roles and team responsibilities of the personnel working in the construction industry
4 Know about careers in the construction industry.	4.1 identify the qualifications, training and development needed to support careers in the construction industry.

Unit content

1 Understand the diversity and complexity of the construction industry

Activity areas: building; architecture; planning; surveying; civil and structural engineering; building services engineering; other eg estate management, repair and maintenance, facilities management, highways and permanent way engineers

Client types: private eg individuals, sole traders; private and public limited companies; government eg local, regional, central

Range of work undertaken: eg residential, commercial, retail, recreational, leisure, industrial, health, educational, agricultural, utilities and services, public buildings, transport infrastructure

2 Know the contribution the construction industry makes to our social and economic wellbeing

The construction economy: economic benefits of construction; inner city regeneration; housing market and property wealth; contribution to GDP; markets; contribution to local and national economy eg 2012 Olympics sites

The social economy: social benefits of construction; security; added value; crime reduction; aesthetics; urban renewal; quality standards; contribution socially to local and national issues

3 Know about human resources in the construction industry

Roles and responsibilities of members of the construction team: client; architect; architectural technologist; surveyors eg quantity surveyor, building surveyor, land surveyor; clerk of works; managers eg contract manager, site manager; safety officer; craftpersons; general operatives; other eg estimator, buyer, consulting engineers, subcontractor

Interaction between team members: simple organisational frameworks ('top down' and 'flat' structures); direct and lateral relationships; service and line management relationships; valuing others eg promotion of equality and diversity, provision of safe working environment, investment in staff training and development

4 Know about careers in the construction industry

Career paths: professional; technical; craft; operative; bridging arrangements for progression from craft to technical occupations

The range of professional career pathways: professional organisations eg CIOB, RICS, RIBA, ICE, CIBSE

The benefits of professional career pathways: professional approach; reputation; lifelong learning; advancement; promotion; salaries; position; capacity; client relationships

Training and education: routes eg on-the-job, off-the-job, attendance at college, open learning, distance learning, online learning; accredited qualifications, eg apprenticeships, diplomas, certificates, degrees, professional qualifications, continuing professional development, short courses relating to new developments; licences to practice eg CSCS cards, CORGI membership