

Purpose statement

The following purpose is for the **Level 3 Advanced Technical Extended Diploma in Constructing the Built Environment (1080) (601/5640/5)**

Area	Description
OVERVIEW	
Who is this qualification for?	<p>This qualification is for you if you are aged 16-19 and want to combine general education with learning theoretical aspects and practical activities related to the built environment sector.</p> <p>There are no specific entry requirements for this qualification. If you have ever wondered how the buildings, infrastructure and landscape around us come into existence, and would like to find out more, this qualification covers all aspects of the creation of our towns and cities, and is fundamental to creating a sustainable future.</p>
What does this qualification cover?	<p>This two year full time qualification is split into three pathways: Construction, Design and Planning, and Civil Engineering. You will have a choice of which specialist pathway you study.</p> <p>You will study theoretical aspects of the subject and apply them to practical tasks.</p> <p>Compulsory topics for all pathways include:</p> <ul style="list-style-type: none"> • domestic construction technology • industrial and commercial construction technology • health and safety in the built environment • construction site supervision • construction science and materials • measurement, tendering and estimating • site surveying • civil engineering technology • building services technology • graphical communication • architectural design and planning • building surveying • business management techniques • building regulations • sustainability and new technologies • mathematics for the built environment <p>For the 'Construction' pathway you will also take the following units:</p>

- structural mechanics
- property maintenance and conversion

For the 'Design and Planning' pathway you will also take the following units:

- property maintenance and conversion
- property management

For the 'Civil Engineering' pathway you will also take the following units:

- structural mechanics
- further mathematics for the built environment

You will study both the practical use and knowledge of the subject, which may involve local employers providing real examples as part of the training. It is expected that you will visit or have visits from employers who can provide demonstrations and talks on the industry, which may also be a relevant work placement with an employer.

WHAT COULD THIS QUALIFICATION LEAD TO?

Will the qualification lead to employment, and if so, in which job role and at what level?

If you have decided upon a career in construction and the built environment, but have not decided which of the many types of employment within the industry to concentrate upon, you will benefit from doing the Level 3 Advanced Technical Extended Diploma in Constructing the Built Environment (1080). It is the longest programme, with the greatest number of units, therefore it will give you the best chance to access a wide range of employment opportunities.

Examples of the employment opportunities available after completing this qualification are a

- construction design technician
- construction site supervisor
- construction site technician
- construction site engineer
- civil engineering technician
- architectural technician
- building surveyor
- construction work supervisor.

Why choose this qualification over similar qualifications?

City & Guilds offers four sizes of Level 3 qualification in Constructing the Built Environment: Certificate, Diploma (540), Extended Diploma (720) & Extended Diploma (1080).

You would take the Extended Diploma (1080) if you want to specialise and develop the skills and knowledge required by employers in the Construction industry. The Extended Diploma (1080) is likely to be taken as a full-time programme of study over two years. By taking this large qualification, you will be exposed to, and have the opportunity to gain experience in,

the wider built environment sector. This will enable you to progress to a diverse range of employment opportunities, as you will have gained a wide range of skills and knowledge over 2 years, which employers really value.

Will the qualification lead to further learning?

When you have achieved this qualification you have a choice of seeking employment or going on to further learning, progressing on to qualifications such as:

- Construction Technician Apprenticeship
- Higher Apprenticeship in Construction Operations Management
- Higher Apprenticeship in Construction Management
- Foundation Degrees in the following areas: Construction and the Built Environment, Civil Engineering, Quantity Surveying, Building Surveying, Conservation and Restoration

WHO SUPPORTS THIS QUALIFICATION?

Employer/Higher Education Institutions

This qualification is supported by the Chartered Institute of Building (CIOB).

FURTHER INFORMATION

Please refer to the Qualification Handbook, available on the City & Guilds website, for more information on the structure of this qualification, the content of the units, and assessment.