

## Purpose statement

The following purpose is for the **Level 3 Advanced Technical Diploma in Constructing the Built Environment (540) (QAN: 601/4509/2)**

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. There are no specific entry requirements for this qualification.</p> <p>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 could be for you. This qualification could open up the world of the built environment sector, which 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 one year full time qualification is split into <b>two</b> pathways: Construction and Design and Planning. 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 both pathways include:</p> <ul style="list-style-type: none"> <li>• domestic construction technology</li> <li>• industrial and commercial construction technology</li> <li>• health and safety in the built environment</li> <li>• sustainability and new technologies</li> <li>• mathematics for the built environment</li> </ul> <p>For the 'Construction' pathway you will also take the following units:</p> <ul style="list-style-type: none"> <li>• construction site supervision</li> <li>• construction science and materials</li> <li>• measurement, tendering and estimating</li> <li>• site surveying</li> </ul> <p>For the 'Design and Planning' pathway you will also take the following units:</p> <ul style="list-style-type: none"> <li>• architectural design and planning</li> <li>• graphical communication</li> <li>• building surveying</li> <li>• building regulations</li> </ul>

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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.

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#### WHAT COULD THIS QUALIFICATION LEAD TO?

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

The City & Guilds Level 3 Advanced Technical Diploma in Constructing the Built Environment (540) could lead to employment opportunities for you as a:

- construction design technician
- construction site technician
- civil engineering technician
- architectural technician
- construction work supervisor
- construction site supervisor.

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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 this Diploma (540) if you want a qualification to develop the skills and knowledge that can lead to specific roles required by employers in the construction and built environment industry. The Diploma may be taken on its own or alongside other programmes such as GCSEs or AS Levels over a one-year course of study.

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

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#### WHO SUPPORTS THIS QUALIFICATION?

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

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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.

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