

## Purpose statement

The following purpose is for the **Level 2 Technical Award in Designing and Planning the Built Environment (601/7246/0)**. This qualification is suitable for you if aged 14 – 16.

Area	Description
OVERVIEW	
<p>Who is this qualification for?</p>	<p>This qualification allows you to explore the Construction and Built Environment Industry, in particular the design aspect of the industry.</p> <p>If you enjoy coming up with new ideas, responding to challenges and would like to develop technical skills in drawing and using design software, then this qualification is for you.</p>
<p>What will the student study as part of this qualification?</p>	<p>You will explore how building design has evolved over time and how it affects communities. You will examine the scientific properties of building materials to discover how the selection and use of different materials can contribute to sustainability. You will also have the opportunity to develop skills in using standard drawing conventions, symbols and design software.</p> <p>The qualification has three units:</p> <ul style="list-style-type: none"> <li>• Developing sustainable communities</li> <li>• Planning and design of the built environment</li> <li>• Creating and presenting building designs.</li> </ul>
<p>What knowledge and skills will the student develop as part of this qualification and how might these be of use and value in further studies?</p>	<p>The qualification develops the following knowledge, understanding and skills:</p> <ul style="list-style-type: none"> <li>• how building design contributes to society and communities</li> <li>• how the design and planning process works</li> <li>• use of different materials and methods of construction and how to select the most suitable for specific building designs/purposes</li> <li>• how building designers present their ideas to different audiences</li> <li>• carrying out calculations related to the design of a building</li> <li>• development of technical skills including hand sketching and use of computer software to produce basic building designs/parts of buildings</li> <li>• presenting ideas to different audiences.</li> </ul>

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Your understanding developed is fundamental to an introduction to any aspect of Construction and Building Services, including:

- Architectural Design
- Quantity Surveying
- Civil Engineering

Your understanding and skills can be developed further through progression to other qualifications, such as A levels or specific to a sector, including:

- City & Guilds Level 3 Advanced Technicals in Constructing the Built Environment.

You would also find the understanding and skills useful to progress to an apprenticeship related to Construction or Building Services Engineering.

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Which subjects will complement this course?

GCSEs in English, Maths, Science, Geography, Art and Design and History will complement this qualification.

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FURTHER INFORMATION

Please refer to the Qualification Handbook, available on the City & Guilds website, for more information.

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