

Progression into Higher Education

City & Guilds Level 3 Advanced Technical Extended Diploma in Engineering (720 GLH) 601/4506/7

Area	Description
Overview	
Who is this qualification for?	<p>Our new Level 3 Technical Qualifications for 16-19 year olds have been designed with employers and providers to deliver the most up-to-date and relevant technical skills.</p> <p>All our Engineering Technical Qualifications have been approved by the Department for Education (DfE) to appear on 2020 performance tables.</p>
Will this qualification lead to further learning or employment?	<p>This Technical Qualification has been designed for progression; supporting learners onto the next step, whether that's to university, onto an apprenticeship or straight into a job. The qualification will allow for further learning. Examples include:</p> <ul style="list-style-type: none"> • BEng (Hons) Mechanical Engineering • BEng (Hons) Electronic and Communication Engineering • BEng (Hons) Aerospace Engineering • FdSc Foundation Degree in in Aerospace Engineering Manufacturing • FdEng Foundation Degree in Renewable Energy Technologies.
Is this qualification accepted by Higher Education institutes and universities?	<p>The qualification, which can form part of City & Guilds TechBac, has been allocated UCAS Tariff points.</p>
What is the structure of the qualification?	<p>The Level 3 Advanced Technical Extended Diploma in Engineering (720) is comprised of:</p> <ul style="list-style-type: none"> • Ten mandatory units • Two optional units from a choice of seven.
What is the content of this qualification?	<p>The qualification covers a wide range of subject areas and has the following mandatory units:</p> <ul style="list-style-type: none"> • engineering materials • electronics, control and instrumentation • mechanical structures and dynamics • manufacturing methods in engineering • engineering design • engineering mathematics and statistics • engineering workshop practice • innovation and new technologies • manufacturing engineering • robotics and automated manufacture. <p>The optional units are as follows:</p> <ul style="list-style-type: none"> • project management • civil engineering • aerospace engineering • power and energy in engineering • automotive engineering • rail engineering • marine engineering.

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How is the qualification assessed and graded?	<p>The qualification has the following assessment types:</p> <ul style="list-style-type: none"> • An externally set, externally moderated controlled synoptic assignment. • Two externally set, externally marked tests with only one resit opportunity. <p>Please note: with effect from summer 2019, learners completing Advanced Technical Extended Diploma Qualifications 720 GLH will now show as having double grading.</p>																																
What UCAS Tariff points are available?	<table border="1"> <thead> <tr> <th>Qualification</th> <th>Grade</th> <th>Size GLH</th> <th>UCAS tariff Points</th> </tr> </thead> <tbody> <tr> <td>City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td>D*D*</td> <td>720</td> <td>112</td> </tr> <tr> <td>City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td>D*D*</td> <td>720</td> <td>104</td> </tr> <tr> <td>City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td>DD</td> <td>720</td> <td>96</td> </tr> <tr> <td>City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td>DM</td> <td>720</td> <td>80</td> </tr> <tr> <td>City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td>MM</td> <td>720</td> <td>64</td> </tr> <tr> <td>City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td>MP</td> <td>720</td> <td>48</td> </tr> <tr> <td>City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td>PP</td> <td>720</td> <td>32</td> </tr> </tbody> </table>	Qualification	Grade	Size GLH	UCAS tariff Points	City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)	D*D*	720	112	City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)	D*D*	720	104	City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)	DD	720	96	City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)	DM	720	80	City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)	MM	720	64	City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)	MP	720	48	City & Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)	PP	720	32
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Please note some qualifications with UCAS Tariff points may not automatically be accepted by universities or colleges. Equally, universities and colleges can accept qualifications which may not be on the UCAS points Tariff.																																	
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Organisations we are working with:	<p>City & Guilds work with a wide range of employers, industry representatives and professional bodies to ensure that the Technical Qualifications are fit for purpose and reflect current and future industry practice. These include:</p> <ul style="list-style-type: none"> • EDF Energy • AMEC • Bosch • Celbuis • MBDA. <p>City & Guilds works alongside the University Vocational Awards Council (UVAC) in partnership with universities nationally.</p>																																
Further information	<p>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.</p> <p>cityandguilds.com/diploma-engineering720-qhb</p>																																