

## Progression into Higher Education

### Level 3 Advanced Technical Extended Diploma in Automotive Industry (720 GLH) 601/7383/X

Area	Description
<b>Overview</b>	
<b>Who are these qualifications for?</b>	<p>This qualification is for learners aged 16-19 years old who want to gain an understanding of the automotive industry and the careers available. It will also allow learners to understand the processes a vehicle follows from its design, through manufacturing to its sale and later maintenance and repair until final disposal of the vehicle.</p> <p>All our Automotive qualifications have been approved by the Department for Education (DfE) to appear on 2020 performance tables.</p>
<b>Will this qualification lead to further learning or employment?</b>	<p>The qualification could lead to higher education with some of the following foundation and honours degrees:</p> <ul style="list-style-type: none"> <li>• Automotive engineering and design</li> <li>• Automotive technology</li> <li>• Transport production design</li> <li>• Motorcycle manufacturing engineering</li> <li>• Motorsports.</li> </ul> <p>If learners are specifically interested in developing further leadership and management skills, they can also take a higher level qualification through the Institute of Leadership and Management (ILM).</p>
<b>Is this qualification accepted by Higher Education institutes and universities?</b>	<p>All our Level 3 Technical Qualifications, which can form part of City &amp; Guilds TechBac, have been allocated UCAS Tariff points.</p>
<b>What is the content of this qualification?</b>	<p>The qualification consists of mandatory units. Learners will cover both practical and theoretical aspects of the automotive industry, such as:</p> <ul style="list-style-type: none"> <li>• sector knowledge of the automotive industry</li> <li>• factors that influence the design process of a vehicle</li> <li>• different manufacturing methods which can be used</li> <li>• materials that are used in the construction of a vehicle, their properties and the joining methods used during vehicle manufacture</li> <li>• construction and operation of engine, transmission and chassis systems and their components</li> <li>• electrical and electronic systems</li> <li>• vehicle inspections</li> <li>• servicing procedures</li> <li>• how technology can be used to improve vehicle design</li> <li>• logical thinking skills to diagnose and repair complex vehicle faults</li> <li>• how to apply scientific and mathematical principles in vehicle related areas</li> <li>• management techniques to develop employees, control and allocate financial resources as well as marketing.</li> </ul>

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<b>What is the content of this qualification?</b>	Centres and providers work with local employers who will contribute to the knowledge and delivery of skills required. Employers will provide demonstrations and talks on the industry and where possible work placements will also be provided by the employers. This qualification is ideal preparation for gaining employment in the automotive industry or for further specialist study.																																
<b>How is this qualification assessed and graded?</b>	To gain this qualification, candidates must successfully achieve the following assessments: <ul style="list-style-type: none"> <li>• Two externally set, externally moderated assignments</li> <li>• Two externally set, externally marked exams, taken under examination conditions.</li> </ul> Please note: with effect from summer 2019, learners completing Advanced Technical Extended Diploma Qualifications 720 GLH will now show as having double grading.																																
<b>What UCAS Tariff points are available?</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Qualification</th> <th style="text-align: center;">Grade</th> <th style="text-align: center;">Size GLH</th> <th style="text-align: center;">UCAS tariff Points</th> </tr> </thead> <tbody> <tr> <td>City &amp; Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td style="text-align: center;">D*D*</td> <td style="text-align: center;">720</td> <td style="text-align: center;">112</td> </tr> <tr> <td>City &amp; Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td style="text-align: center;">D*D*</td> <td style="text-align: center;">720</td> <td style="text-align: center;">104</td> </tr> <tr> <td>City &amp; Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td style="text-align: center;">DD</td> <td style="text-align: center;">720</td> <td style="text-align: center;">96</td> </tr> <tr> <td>City &amp; Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td style="text-align: center;">DM</td> <td style="text-align: center;">720</td> <td style="text-align: center;">80</td> </tr> <tr> <td>City &amp; Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td style="text-align: center;">MM</td> <td style="text-align: center;">720</td> <td style="text-align: center;">64</td> </tr> <tr> <td>City &amp; Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td style="text-align: center;">MP</td> <td style="text-align: center;">720</td> <td style="text-align: center;">48</td> </tr> <tr> <td>City &amp; Guilds Level 3 Advanced Technical Extended Diploma (720 - double grading)</td> <td style="text-align: center;">PP</td> <td style="text-align: center;">720</td> <td style="text-align: center;">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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<b>Which organisations are we working with?</b>	We have worked with the Society of Motor Manufacturers and Traders. City & Guilds works alongside the University Vocational Awards Council (UVAC) in partnership with universities nationally.																																
<b>Further information</b>	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. <a href="http://cityandguilds.com/diploma-automotiveind-qhb">cityandguilds.com/diploma-automotiveind-qhb</a>																																