

## Purpose statement

The following purpose is for the **Level 3 Advanced Technical Certificate in the Automotive Industry (601/7382/8)**

Area	Description
OVERVIEW	
Who is this qualification for?	<p>This qualification is for you if you are a 16- 19 year old learner who wants to work in the automotive industry or one of its associated areas. You will gain the knowledge and skills needed to work as a motor vehicle technician on your vehicle of choice such as cars, vans, trucks or motorcycles.</p> <p>In addition, it will open up opportunities for you to understand and progress into other non technical areas in the industry such as sales or vehicle parts.</p>
What does this qualification cover?	<p>You will study both practical and theoretical aspects of the automotive industry such as:</p> <ul style="list-style-type: none"> <li>• The sectors the automotive industry consists of, the different types of business available and how to best run a motor vehicle workshop.</li> <li>• The materials that are used in the construction of a vehicle, their properties and the joining methods used during vehicle manufacture.</li> <li>• The construction and operation of engine, transmission and chassis systems and their components. The reasons for different types of systems and components and how each of them operates.</li> <li>• The electrical and electronic systems that can be found in a vehicle, how they operate and how to diagnose and rectify faults within these systems.</li> <li>• How to carry out vehicle inspections and follow servicing procedures safely.</li> <li>• How technology can be used to improve vehicle design, safety and driving experience via innovation.</li> </ul> <p>Centres and providers work with local employers who will contribute to the knowledge and delivery of the skills required. Employers will provide demonstrations and talks about 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.</p>

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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 qualification will give you the basic knowledge and skills to apply for a job as an automotive technician apprentice on a range of vehicles such as cars, vans, motorcycles, trucks.

Why choose this qualification over similar qualifications?

This qualification is typically delivered alongside other qualifications such as GCSEs, AS or A Levels and has been designed to deliver a mix of practical hands-on automotive skills and knowledge to ensure a rounded learner with qualities employers in the industry are looking for.

City & Guilds offers two sizes of Level 3 qualifications in the Automotive Industry: Advanced Technical Certificate (360), Advanced Technical Extended Diploma (720).

You would take the Advanced Technical Certificate (360) if you want an introductory qualification to develop some of the core skills and knowledge required by employers in the automotive industry to work as a motor vehicle technician on your vehicle of choice such as cars, vans, trucks or motorcycles.

In addition, it will open up opportunities for you to understand and progress into other non technical areas in the industry such as sales or vehicle parts.

The Certificate is likely to be taken alongside other programmes such as GCSEs or AS Levels over a one-year course of study.

You would take the Advanced Technical Extended Diploma (720) if you want to specialise and develop skills and knowledge in automotive manufacturing, to understand the processes a vehicle follows from its design, through manufacturing to its sale to the end customer.

The Extended Diploma (720) is likely to be taken as part of a full-time two year programme of study, or alongside other qualifications such as AS or A Levels over a longer period of time.

Will the qualification lead to further learning?

You may wish to progress onto an Advanced Apprenticeship in Vehicle Maintenance and Repair on your vehicle of choice, which allows you to combine working at a manufacturer, dealership or independent garage with typically attending one day a week at college or with a training provider.

You may wish to progress onto further learning within a Higher Education Institution. You could take a course such as an Automotive Technology or Motorsports Foundation Degree.

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**WHO SUPPORTS THIS QUALIFICATION?**

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Employer/Higher Education  
Institutions

This qualification is supported by The Society of Motor  
Manufacturers & Traders (SMMT).

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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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