

Engineering

Motor Vehicle Service and Maintenance Technician (Light Vehicle) Level 3 Apprenticeship

In Brief

Start Date / Duration

This apprenticeship programme can be started at any time and will run for 36 months

Entry Requirements

- Whilst any entry requirements will be a matter for individual employers, typically an apprentice might be expected to already have the following qualities: an interest in the way vehicles operate; able to demonstrate general analytical and mechanical skills, a capacity for mechanical reasoning and the potential to research, analyse and solve problems; well organised, methodical and good attention to detail; good spatial awareness; able to work in a team and to communicate well both orally and in writing; cares about delivering excellent service – both internally and externally to colleagues and customers
- Before the Standard is met, all apprentices must hold a certificate that meets the EU's 2014 F-gas regulation
- Apprentices without level 2 English and maths will need to achieve this level prior to taking the end-point

You will achieve

Motor vehicle Service and Maintenance Technician (light vehicle) Level 3 Apprenticeship standard

assessment. For those with an education, health and care plan or a legacy statement the apprenticeships English and maths minimum requirement is Entry Level 3 and British Sign Language qualification are an alternative to English qualifications for whom this is their primary language

- You will need to find an employer to employ you as an apprentice. Please see our [Apprenticeship vacancies](#).

Course Overview

A motor vehicle service and maintenance technician services and repairs light vehicles such as cars and vans and works either in dealerships which focus on a particular manufacturer, or in an independent garage which deals with many different makes of vehicles.

The technician must be able to work independently but also operate as an effective team member and have good customer handling skills. They will understand how their workshop and the dealership/garage functions from a commercial perspective and identify ways in which they can work more efficiently. Technicians working in large dealerships work with other departments, for example carrying out work for the Sales Department and ordering parts from the Parts Department, whereas apprentices in smaller independent garages may be called upon to carry out some of the function of the other departments themselves, for example managing their own delivery of parts.

Course Content

Motor vehicle service and maintenance technicians have the following knowledge and understanding:

- How vehicle service and repair is impacted by legislative, regulatory and ethical requirements, including health and safety law and environmental procedures
- The structure of the industry and how the business works from an operational perspective, business targets, the systems and processes that make up the efficient running of a business
- How to develop positive working relationships and communicate effectively and how to carry out self-evaluation and improve own performance
- The procedures for the maintenance of tools and the workshop
- Routine servicing and inspection procedures
- Steering and suspension geometries; electrical circuit requirements and calculations
- Construction and operation of vehicle components and systems
- Common fault types, causes and effects of different types of faults
- The implications and legal requirements of fitting accessories and carrying out vehicle

modifications

- How to diagnose faults using suitable fault finding strategies
- Construction and operation of advanced electrical, braking and suspension systems, engine and transmission systems and engine and gear calculations
- Vehicle emissions and legal requirements
- Alternative fuels and hybrid and electric systems

You can find more information on the apprenticeship standard here [<https://www.instituteforapprenticeships.org/apprenticeship-standards/motor-vehicle-service-and-maintenance-technician-light-vehicle/>]

How will I be assessed?

You will be assessed by your assessor using a portfolio of evidence, practical demonstrations and assignments. You will be assessed both in College and in your place of work

What Equipment Will I Need?

You will be required to provide paper, writing materials, A4 ring binder file, extra wide dividers and clear plastic wallets.

Where will I study?

You will study within the workplace and attend classes at Barnsley College's STEM Centre.

What can I do next?

This standard has been designed to be recognised by relevant Professional Engineering Institutions and successful apprentices can apply for the appropriate level of professional registration (EngTech).

How much does the course cost?

There is no cost to being an apprentice. All costs associated with your apprenticeship, including the cost of training and your salary, will be paid by your employer.

Financial support

You may be eligible for assistance with expenses such as travel, books, equipment and childcare. For further information please contact the Student Services Team on +44 (0)1226 216 267.

Extra information

Contact the Apprenticeship Team

For further information please contact the team on 01226 216166 or email: apprenticeships@barnsley.ac.uk [mailto:apprenticeships@barnsley.ac.uk]

Want to join Barnsley Sports Academy and the Sports Village?

Barnsley College has a range of sports opportunities for all students to take part in, gain professional training and compete nationally and internationally. We also have a state-of-the-art fitness village, Honeywell Sports Village [<https://www.barnsley.ac.uk/shops-services/honeywell-sports-village/>] where students can make use of our fitness suite, spinning studio and classes for competitive rates. You don't have to be studying sport to get involved in the Sports Academy [<https://www.barnsley.ac.uk/our-departments/sport/sports-academy/>] .

Additional Learning Support

Our Additional Learning Support team can provide you with the support you need. Please contact them on +44 (0)1226 216 769.

Disclaimer

Please note we reserve the right to change details without notice. We apologise for any inconvenience this may cause.

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Want to apply?

Visit <https://www.barnsley.ac.uk/apply> to get started
Call us on **01226 216 123**