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## **601/1221/9 Level 4 Diploma in Advanced Vehicle Diagnostics and Management Principles**

### OVERVIEW

The automotive industry is on the road to rapid expansion. Over 1.5 million vehicles and 2.5 million engines are produced in the UK each year and car manufacturing volumes are on course to break all-time records by 2017.

There are 82,880 automotive retail business units in the UK. These range in size from single manned garages to multinational organisations, all in need of skilled people who can drive their business forward.

Managers and leaders form the second biggest occupational group of the workforce at 19%. However only 15% of managers and leaders in the Automotive Retail Sector are qualified at Level 4 or above, so with this qualification learners will have the opportunity to achieve the higher level skills this industry needs and work towards becoming effective Workshop Controllers, First Time Managers or Master Technicians in a maintenance and repair workshop in a large manufacturer, dealership or independent garage.

- What does this qualification cover?

Technicians will need around 530-556 hours of learning time to gain the advanced level knowledge and skills needed to diagnose and resolve the most challenging and time-sensitive problems in a vehicle.

In addition to these technical skills, learners have also the opportunity to improve their project management skills if they decide to do so by undertaking 50 additional hours on this topic to complement their learning programme.

The key skills learners will have acquired upon achievement of this qualification are:

- Examining vehicles to determine malfunctions using appropriate automotive technology and diagnostic equipment
- Assisting other technicians in developing their skills and competencies by providing technical support and coaching
- Liaison with customers
- Testing and adjusting repaired systems to manufacturers' standards
- Developing investigative strategies



- Disseminating technical information
- Providing technical support to manufacturers' technical departments.

This is a Framework qualification.

- Who could take this qualification?

Learners taking this qualification usually have already become Diagnostic Maintenance Technicians and would like to increase their diagnostic, leadership and management skills to progress in their career towards a management role.

This qualification is also part of a Higher Level Apprenticeship framework. A learner would take this qualification as a standalone option if they are self-employed as a contractor or on short term contracts that do not support an apprenticeship. The qualification provides the flexibility to undertake a qualification on a part time or full time basis. This would help an individual fit learning in with their own work and home circumstances and the opportunity to prove their competence.

It may also be that the learner works for a large manufacturer or dealership who have their own branded training to progress into managerial/master technician roles which are not part of the Higher Level Apprenticeship framework, and therefore this full qualification will be needed as stand alone to provide the basic skills and knowledge required before embarking into their employer's programme.

#### WHAT COULD THIS QUALIFICATION LEAD TO?

Candidates who are successful will have the following progression opportunities available:

- Further training: learners who would like to develop further their leadership and management skills could take up higher level qualifications through the Institute of Leadership and Management (ILM).
- Into employment – by embarking into a Higher Level Apprenticeship in Vehicle Maintenance and Repair to become a Master Technician.
- In addition, they could also run their own business.

#### WHO SUPPORTS THIS QUALIFICATION?

The following providers support this qualification as it allows learners to work to their own ability and show progression to the next level within the industry nationally:

- City College – Brighton and Hove
- Doncaster College
- Paragon