

The background of the image is a vibrant, abstract pattern of concentric, wavy lines in shades of orange and yellow. The lines flow and curve across the frame, creating a sense of motion and depth. The colors transition from a bright, almost white-yellow at the top to a deeper, more saturated orange towards the bottom. The overall effect is dynamic and energetic.

AUTOMOTIVE ENGINEERING

Motor Vehicle Engineering

3905

Aim

This qualification is designed to provide future engineers with the knowledge and practical skills required in motor vehicle engineering. It has a progressive structure suitable for front-line workers or individuals beginning an academic training programme through to those preparing for or working at first line management.

The qualification is designed to deliver a high level of occupational capability and provide a sound foundation for progression into managerial positions or higher education.

Career

- Motor Vehicle Mechanic
- Motor Vehicle Supervisor
- Motor Vehicle Technician

Level

- Level 1 IVQ Certificate
- Level 2 IVQ Technician Certificate/Diploma
- Level 3 IVQ Technician Diploma/Advanced Diploma
- Level 5 IVQ Advanced Technician Diploma

Pathways

Applies to Advance Diploma and Advanced Technician Diploma levels only.

Diagnostic Techniques

- Light Vehicles
- Heavy Vehicles

Motor Vehicle Engineering

- Light Vehicles
- Heavy Vehicles

Motor Vehicle Management

- Light Vehicles
- Heavy Vehicles

Delivery

Written examination and practical task.

EV **FTD** **IVQ**

Vehicle Maintenance and Repair

4101

Aim

For individuals who work or want to work as technicians across a range of vehicle types. It allows learners to develop and practise the problem solving and diagnostic skills from basic to advanced level, required for employment and/or career progression in the automotive sector.

Career

- Accident Repairer
- Motor Vehicle Technician
- Motor Vehicle Valet
- Vehicle Estimator
- Vehicle Inspector

Level

- Level 1 Certificate/Specialist Certificate
- Level 2 Diploma/ Specialist Diploma
- Level 3 Advanced Diploma/Specialist Advanced Diploma

Pathways

- Light vehicle
- Heavy vehicle
- Motorcycle
- Auto-electrical
- Mobile electrics and security
- Air-conditioning and climate control
- Body repair
- Refinishing

To achieve the Specialist route, learners must complete an additional studies unit in Mathematics, Science and Communication at Certificate level and Mathematics, Science and Electronics at Diploma and Advanced Diploma level.

Delivery

Online multiple choice tests and practical tasks .

EV **24**



