

Motor Vehicle Engineering (3905)



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This programme is designed for those undergoing training or employed in the motor vehicle industry. It provides progression routes from front line mechanic to diagnostic technician and supervisory responsibility, as well as offering opportunities for further professional progression technician to motor vehicle engineering degree and management level programmes.

General information

This programme has been developed in close association with the motor vehicle industry, and includes latest advances in vehicle electronics and technology to ensure that candidates meet the demands of international vehicle manufacturers in maintenance and repair standards.

A key feature of the programme is its flexibility which enables centres and candidates to choose their individual progression route; vocational and technician. Each unit at each level is individually certificated. This means that the candidates can join the programme at their appropriate level and take those units relevant to their needs.

Features of the programme:

- 3 distinctive routes to success
- 12 group awards within the programme
- Covers all aspects of the Motor Vehicle Industry, including light and heavy vehicles and management related subjects.
- Vocational route can lead to a Licentiate award
- Technician route can lead to the Full Technological Diploma
- Easy transfer from vocational to technician route and vice versa
- Maths content at Diploma level is suitable for UK university entry
- Internationally recognised qualification
- Universal standard of assessment
- Practical experience is assessed in each unit
- Each unit is independently assessed by external written paper
- A project is introduced at Advanced Diploma level

Progression routes

There are 3 major progression routes:

- Diagnostic Techniques
- Motor Vehicle Engineering
- Motor Vehicle Management

Levels

There are 3 levels:

- Certificate
- Diploma
- Advanced Diploma

Candidates can specialize in light or heavy vehicles at the higher levels of the programme.

Assessments

Each unit will be assessed by a written paper and practical work

Programme units

Unit credit covers:

- Engine Systems (Light/Heavy Vehicles)
- Chassis Systems (Light/Heavy Vehicles)
- Maths, Science and Communications
- Vehicle Systems
- Maths, Science and Electronics
- Diesel Engines and Fuel Systems
- Electrical and Electronic Systems
- Service Reception
- Management Skills
- Business Systems
- Financial Systems
- Management Systems

Availability

The assessments are available as follows:

- Certificate in June and December each year
- Diploma in June and December each year
- Advanced Diploma in June and December each year

Recognition

Formal recognition of this programme has been received from:

- The Institute of the Motor Industry
- The Institute of Road Transport Engineers
- The Society for Automotive Engineers in America
- The Automobile Association
- UK Motor Vehicle Manufacturers

*The programme regulations have been awarded the coveted Crystal Mark by the Plain English Campaign.

Support

Care has been taken to provide users with as much assistance as possible to ensure success by:

- Recommendation and guidance on minimum study time
- Provision of a recommended text book list
- Sample question papers for Certificate, Diploma and Advanced Diploma levels
- Support documentation including parts simulator packs for the Certificate level produced by the Automobile Association of the UK

Syllabus and regulations

The syllabus and regulations are available from the Sales and Publications department at City & Guilds.

External candidates

External candidates will be allowed to sit for all written question papers. However, the nature of the competency assessments is such that they would be unsuitable for external candidates. In order to obtain the full qualification, the candidate will have to attend the practical element at an approved City & Guilds centre.

Further information

For more information about this qualification, please contact:

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