

Heavy Motor Vehicle Maintenance and Repair

Advanced Apprenticeship and Level 3 Diploma



This qualification teaches you how to diagnose, test and repair heavy motor vehicles including engine mechanical units, electronics and electrical repairs.

Develop your skills to deliver higher value work such as diagnosing and rectifying faults – boosting your career prospects

Factfile

Aimed at:

Experienced technicians/mechanics wishing to further their career in the motor industry

Length of Level 3 Qualification:

9 – 12 months

Length of Advanced Apprenticeship:

12 months

Location:

Greater Manchester, Warrington, Merseyside

Funding:

Usually part or fully Government funded

Learner commitment:

Motivation and enthusiasm

For enrolment:

Freephone: 0333 220 6646

Email: apprenticeships@mantralearning.co.uk

The programme

The Level 3 Diploma in Heavy Vehicle Maintenance and Repair (QCF) is for anyone wishing to further their career in the motor industry. This practical qualification equips you with a greater level of technical knowledge and ability to deliver higher value work. It has been developed by the Institute of the Motor Industry, which is the Sector Skills Council for the Automotive Industry.

The Level 3 Diploma in Heavy Vehicle Maintenance and Repair is a combined qualification that forms both the knowledge and competence elements of the Advanced Apprenticeship.

Learner benefits

- Gain a recognised qualification that will boost your career prospects and enable you to progress onto higher level qualifications
- Develop practical skills to help you do your job better
- Learn how to use the latest technology in diagnostics and repair
- Develop your problem solving, communication, team working, personal learning and thinking skills
- Build your self-confidence
- Learning takes place on the job and in our fully equipped Automotive Centre
- The apprenticeship will also develop your English, maths and IT skills

Outcomes

First time fault diagnosis will minimise the customer's cost and the time you spend rectifying faults. Achievement of an Advanced Apprenticeship exempts you from the Vosa NTT MOT tester's exam.

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Programme delivery

All Mantra Learning Training Advisors are industry professionals who are specialists in the area in which they teach and are members of the Institute for Learning.

Programme design

The course includes 6 mandatory units, 8 specialist mandatory units and one set of optional units. A minimum of 102 credits must be achieved for this qualification.

Mandatory units

Sets	Group A: 29 credits from 6 mandatory units	Credit
G0102	Competency in health, safety and good housekeeping in the automotive environment	7
	Knowledge of health, safety and good housekeeping in the automotive environment	3
G3	Competency in supporting job roles in the automotive environment	5
	Knowledge of support for job roles in the automotive environment	3
G4	Knowledge of materials, fabrication, tools and measuring devices used in the automotive environment	4
	Skills in materials, fabrication, tools and measuring devices used in the automotive environment	7

Mandatory specialist units

Sets	Group B: 63 credits from 8 mandatory specialist units	Credit
AE06	Competency in diagnosing and rectifying automotive vehicle auxiliary electrical faults	10
	Knowledge of diagnosing and rectifying automotive vehicle auxiliary electrical faults	6
HM0506	Knowledge of inspecting heavy vehicles	4
HV06	Competency required to inspect heavy vehicles to comply with legal requirements	5
HV07	Competency in diagnosing and rectifying heavy vehicle engine faults	10
	Knowledge of diagnosing and rectifying heavy vehicle engine faults	6
HV08	Competency in diagnosing and rectifying heavy vehicle chassis system faults	10
	Knowledge of diagnosing and rectifying heavy vehicle chassis system faults	6
HV13	Knowledge of diagnosis and rectification of heavy vehicle transmission and driveline faults	6

Optional units

Sets	Group C: a minimum of 5 credits from 1 'set' of optional units	Credit
G6	Competency in making learning possible through demonstrations and instructions	5
	Knowledge of how to make learning possible through demonstrations and instructions	5
G8	Competency in identifying and agreeing motor vehicle customer service needs	5
	Knowledge of how to identify and agree motor vehicle customer service needs	5
HM11	Competency in overhauling heavy vehicle engine mechanical units	6
	Knowledge of overhauling heavy vehicle engine mechanical units	5

Sets	Group C: a minimum of 5 credits from 1 'set' of optional units	Credit
HM12	Competency in overhauling heavy vehicle transmission units	6
	Knowledge of overhauling heavy vehicle transmission units	4
HM13	Competency in overhauling heavy vehicle steering and suspension units	6
	Knowledge of overhauling heavy vehicle steering and suspension units	4
HV13	Competency in diagnosing and rectifying heavy vehicle transmission and driveline faults	10

Additional Apprenticeship units

Key skills - literacy level 2, application of number level 2 and ICT level 1
Employment rights and responsibilities workbook
Personal learning and thinking skills
Level 3 Diploma in Heavy Motor Vehicle Maintenance and Repair Principles

Assessment

The Mantra Learning Advisor will use a range of assessment methods including observation, question and answer, video, professional discussion and written reports. Their visits usually take place once a month with progress assessed and reviewed every three months or sooner if necessary. We also arrange an Employer Review every six months to measure how you are contributing to the success of the business.

Opportunities for further development

You can progress to:

- Management Advanced Apprenticeship or Level 3 Qualification
- Level 4 Diploma in Motor Vehicle Maintenance and Repair Principles and Competence

For further information:

FREEPHONE

0333 220 6646

www.mantralearning.co.uk

“86% Success Rate”



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