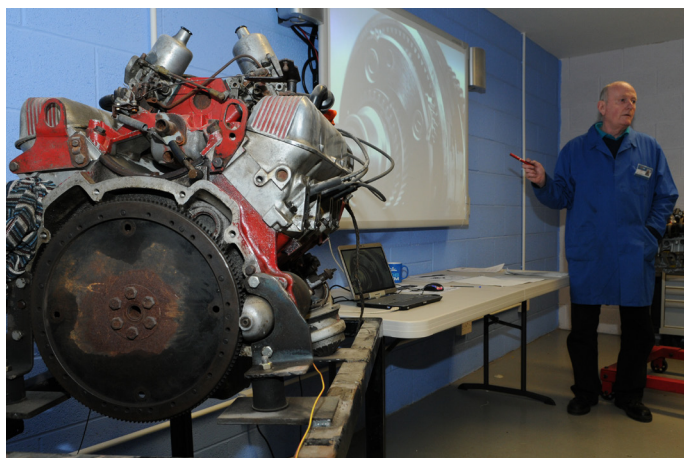


# Heavy Motor Vehicle Maintenance and Repair

Advanced Apprenticeship and Level 3 Diploma



**“Without this programme I would never have been able to open my own MOT Centre and improve turnover by 70%.”**

Peter Lees,  
PLV Services

Develop your experienced staff to deliver higher value work such as diagnosing and rectifying faults – improving your overall profitability

## 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

### Employer commitment:

Study time/access for training and development

### For enrolment:

Freephone: 0800 389 5283

Email: [apprenticeships@mantralearning.co.uk](mailto: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 your staff 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.

## Employer benefits

- 82 % of employers reported a reduction in injuries in the workplace as a result of Mantra training in manual handling, working posture and danger awareness in the workshop.
- 67 % reported an increase in workforce morale and motivation
- Over the duration of an advanced apprenticeship trainees generate on average £40,000 in gross profit from labour alone.
- Access to a fully funded Health and Safety audit worth over £300, and a Business Improvement Needs Analysis (BINA)

## Outcomes

First time fault diagnosis will minimise the customer's cost and the time spent rectifying faults in your company. Achievement of an Advanced Apprenticeship exempts the technician from the Vosa NTT MOT tester's exam.

ENABLING PEOPLE TO TRANSFORM BUSINESS

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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

|  |
|--|
| Functional skills at level 2 in English and mathematics and ICT at 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 the impact on your business.

## Opportunities for further development

Learners 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 and to increase the value of your staff:  
**FREEPHONE**

**0800 389 5283**

**www.mantralearning.co.uk**

**“86% Success Rate”**



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