



PERSONAL

Increased confidence and independence, resilience, critical thinking, problem solving, access to further education and work place / employability / life skills- being able to complete basic car maintenance on own vehicles.

WIDER

In addition to Units and the Award students can work towards additional credits from Group B to gain the Certificate and Diploma.

AQA Unit Awards

Links to Passport for Life / Life Skills

ESSENTIAL

The SEG level 1 Motor Vehicle Studies course is structured around key units, each focussing on foundation industry relevant knowledge and skills that prepares learners to progress onto further qualifications or accessing industry.

Level 1 Units / Award: As part of this H&S is a mandatory unit.

Essential Learning

- The aim of the course is to encourage and enable learners to acquire foundation automotive knowledge and skills to aid progression to further education or employment. It also equips learners with wider employability and life skills and the ability to apply their knowledge to personal life, eg. basic car maintenance.
- Successful completion of the Level 1 Award can enable students to access further units to complete the Certificate and Diploma.

As a minimum, students who access the course later in the year or return to mainstream should be able to achieve enough credits to gain units and AQA Unit Awards. It is an expectation that the majority of learners will achieve the Award.

LEVEL 1 AWARD:

Students must achieve a minimum of 12 credits.
4 credits must come from the mandatory Health and Safety group A and a further 8 credits from the optional units in Group B.

LEVEL 1 CERTIFICATE:

Students must achieve a minimum of 24 credits.
4 credits from mandatory Health and Safety.
A minimum of 20 credits from Group B.

LEVEL 1 DIPLOMA:

Learners must achieve a minimum of 38 credits.
4 credits must come the mandatory Health and Safety Unit, Group A. A minimum of 34 credits must come from optional units in Group B.

Learners must achieve a minimum of 12 credits. 4 credits must come from Mandatory Group A and a further 8 credits from Optional Units in Group B.

Unit	Level	Credit Value	GLH
Mandatory Unit - Group A			
Health and safety for motor vehicle studies [H/501/7005]	1	4	40
Optional Units - Group B			
Introduction to engineering equipment and materials [A/501/7009]	1	4	40
Introduction to compression ignition power units [M/501/7010]	1	4	40
Introduction to spark ignition power units [T/501/7011]	1	4	40
Introduction to engine liquid cooling and engine lubrication systems [A/501/7012]	1	4	40
Introduction to spark ignition and compression ignition fuel systems [F/501/7013]	1	4	40
Introduction to vehicle transmission systems [J/501/7014]	1	4	40
Introduction to battery and lighting systems [L/501/7015]	1	4	40
Introduction to steering and suspension [R/501/7016]	1	4	40
Introduction to vehicle braking systems [Y/501/7017]	1	4	40
Introduction to vehicle inspection [D/501/7018]	1	4	40
Introduction to vehicle body repair	1	4	40

[A/501/7026]			
Introduction to vehicle valeting [J/501/7028]	1	4	40
Introduction to motorcycle maintenance [L/501/7029]	1	4	40

Numbers in box brackets indicate unit number.
If learners achieve credits from units of the same title (or linked titles) at more than one level, they cannot count credits achieved from both units towards the credit target of a qualification.

Wider > cross over with Personal Development

- Achievement of the Certificate and Diploma
- AQA Unit Awards linking to Passport for Life / Life Skills curriculum
- Practical Problem-solving skills
- Understanding how to approach technical problems logically
- Workplace Health and Safety Awareness. Developing awareness of Health and Safety can apply to all aspect of life
- Manual dexterity and tool use
- Numeracy and measurement – torque settings, reading gauges and instruments, fluid levels, pressures.
- Understanding garage expectations
- Personal responsibility and professionalism – taking responsibility for your own work, wearing PPE, maintaining a clean organised work area
- Time management and organisation
- Developing communication skills. Explaining procedures, listening and following instructions. Learning, understanding and developing technically language and vocabulary related to vehicles, tools and processes.
- Teamwork and collaboration

Personal Development:

- Workshop and tool skills and how to apply them in everyday life
- Knowledge of motor vehicles, diagnostics and problem solving
- Attitudes in the workplace around staff and customers
- Confidence
- Team work
- Communication. Listening and following instructions

- Time management and working to deadlines and health and safety standards
- Attention to detail; following exact procedures, working accurately

Reflections of 2024/2025

Successes:

- Increased outcomes from 2024
- 4 of 13 learners completed only Units. These students were unable to achieve enough credits to achieve the Award due to extended student absences because of safeguard, family issues and pregnancy.
- 9 of 13 learners completed the SEG Level 1 Motor Vehicle Award.
- 5 of 13 learners completed the Level 2 Award.
- RWF Taught on a bespoke timetable Wednesday afternoons achieved Level 1 and 2.
- Successful and supportive moderation.

Challenges:

- Students starting throughout the year, meaning students in a class can all be a different point of the course, this can make teaching challenging.
- Due to personal circumstances, not all learners are able to fully access the course, limiting achievements.
- Motor Vehicle Lecturer off for extended absence due to injury since May. This has meant that students could not make a last push to achieve more credits eg RP.
- As students normally start Motor Vehicle in the Summer term of year 9 teaching and learning is hindered for September 2025 until AP back on full teaching timetable.
- Due to AP absence VT with the support of LP had to liaise, organise and collate folders in readiness for EV.
- Cars currently not up to date and require modification.
- Support staff not assigned to faculty and not skilled or knowledgeable in the workshop.

Forward planning:

- AP to cover theory until confident and able to re-enter the workshop. This will hopefully mean that the written element of the course can be completed and students can get back up to speed.
- AP to price and source removal and purchase of new car/s. AP to consider if he wants to reduce workshop cars to have more space.
- VT to IV throughout the year to avoid summer bottle neck.

Gender

Male 8/13

1/8 Achieved Units

Female 4/13

3/4 Achieved Units

Pupil Premium

Statement of SEN

0/13

Circumstances specific to our school

All students are timetabled Motor Vehicle Studies. Even those with little interest are encouraged and expected to go into the lesson. While most students engage, sometimes students (typically females) can refuse. Due to staffing this can be a challenge to accommodate.

AP absent due to injury for extended period during summer term. This has hindered progress, This term AP is on a reduced teaching timetable which is restricted to the classroom. AP is completing as much of the paperwork during this time as possible.