



Vocational Qualifications

A maximum of 2 vocational qualifications can be chosen.



INSPIRE MOTIVATE ACHIEVE

TECHNICAL AWARD - VEHICLE ENGINEERING (EXAM BOARD - INSTITUTE OF THE MOTOR INDUSTRY AWARDS)

COURSE CODE 603/3089/2/ (LEVEL 2)

WHAT IS VEHICLE ENGINEERING?

It is a Technical Award (equivalent to GCSE level) designed to engage and motivate 14 - 16 year olds who are interested in learning about the automotive and engineering industries. This course is open to all students, both girls and boys, who are keen to study a practical based course.

WHAT DOES THE COURSE COVER?

The course covers workshop safety, introduction to the automotive maintenance and repair industry, workshop tools and engineering processes and equipment. Further aspects cover principles of vehicle components, mechanisms and routine maintenance.

WHAT DOES THE COURSE INVOLVE?

This course suits students who enjoy practical methods of learning and enjoy basic problem solving tasks. Basic safety clothing and footwear is needed. Lessons will be taught mainly in a workshop environment using the Vehicle Engineering Centre on the school site. Students will study this course for 3 lesson periods a week, consisting of one single period of theory and one double period of practical, where possible. A relevant two week work experience placement makes up part of the course for all students studying this subject.

THEMES STUDIED?

Students work through a series of tasks linked to different main concepts of vehicle mechanisms and linked engineering concepts. Key areas such as engines, suspension and braking are all covered in detail. Basic engineering machining is taught and students will use a centre lathe and other machines. The facilities provided in the Vehicle Engineering Centre are similar to that in a commercial garage or engineering workshop and can be fully used by students.

HOW IS IT ASSESSED?

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Assessment is aimed at learners who prefer and respond to 'hands-on' learning. There is a practical approach to most assessments and this includes many visual questioning techniques which stimulate and interest learners. Assessment is divided into key units. Some units are assessed through observations and questioning of key tasks. Others require a written response which is graded. Computer based online assessments are also used. There is a content of theory to cover to aid the understanding of the key principles.

EXTRA INFORMATION

Students will need to purchase appropriate footwear, work trousers, polo shirt and jumper. More information will be given about this by Mr Hollis-Brown.

Specification name and website link: IMI Award Level 2 Automotive Maintenance

<http://awarding.theimi.org.uk>

The course directly links to other Level 2 or 3 qualifications in most areas of the automotive and engineering industry and can create career opportunities in automotive retail, maintenance, engineering and development. It is an ideal route to progress onto employment, apprenticeships and further job related training.



For more information please contact Mr R Hollis-Brown - Course Leader