

# MOTOR VEHICLE

OUR MOTOR VEHICLE COURSES PROVIDE THE SKILLS REQUIRED BY CAR MANUFACTURERS, AS WELL AS THE MOTOR VEHICLE GARAGE TRADES SUCH AS VEHICLE MAINTENANCE AND REPAIR.

Our aim is to provide you with the best opportunities to develop specialist skills in either light or heavy vehicle technology, which is supported by two well equipped workshops.



For further information on careers in the Motor Vehicle Engineering industry visit:  
[www.aimhigherwm-alps.org](http://www.aimhigherwm-alps.org) or call Student Services on 01384 363363 for a careers interview.

## VEHICLE MAINTENANCE

CITY & GUILDS 3901 -  
ENTRY LEVEL 3

REF: 2991

### WHICH CAMPUS?

Wolverhampton Street Campus

### WHAT WILL I STUDY?

This qualification will provide the basic knowledge and skills needed to move on to our Level 1 certificate then on to our suite of vehicle engineering NVQs, once you are in the workplace.

The programme places an emphasis on learning by doing.

This award is composed of ten units and is designed to give you the basic knowledge which will enable you to progress towards the minimum qualifications or skill levels required for entry into the industry. You will study:

- Engine lubrication
- Engine cooling
- Fuel and exhaust systems
- Spark ignition systems
- Electrical systems
- Braking systems
- Steering and suspension systems
- Body and interior cleaning

### HOW WILL I BE ASSESSED?

You will be assessed by projects, practical assignments and knowledge tests. To gain the full certificate you will need to complete practical tasks for each unit, and oral questioning for the units on engine and lubrication, spark ignition systems, steering and suspension and wheel and tyre systems.

### WHAT ARE THE ENTRY REQUIREMENTS?

There are no formal entry requirements, acceptance will be subject to an interview with the course tutor and an Initial Assessment in Literacy & Numeracy.

### HOW LONG?

1 year.

### WHAT NEXT?

Institute of the Motor Industry Vehicle Maintenance and Repair Light Vehicle Level 1.

## VEHICLE MAINTENANCE & REPAIR

LIGHT VEHICLE IMI AWARD -  
LEVEL 1

REF: 2994

### WHICH CAMPUS?

Wolverhampton Street Campus

### WHAT WILL I STUDY?

This course is for you if you are interested in vehicle fitting and vehicle maintenance and repair. On this course you will study:

- Vehicle servicing and repair
- Vehicle technologies
- Workshop practice
- Removal & replacement of components
- Service & repair of automotive vehicles

In addition you may take the National Award units in Maths.

### HOW WILL I BE ASSESSED?

You will be assessed through practical assessments and on-line testing.

### WHAT ARE THE ENTRY REQUIREMENTS?

You must have 4 GCSEs at grade D or above in English, Maths, Science and one other subject or C&G 3901 Vehicle Maintenance Entry Level 3.

You should be able to organise written information clearly and coherently, therefore Literacy & Numeracy skills at Level 1 are required.

### HOW LONG?

1 year.

### WHAT NEXT?

IMI Certificate in Vehicle Maintenance and Repair - Light Vehicle Level 2, or an Apprenticeship.

## VEHICLE MAINTENANCE & REPAIR

LIGHT VEHICLE IMI  
CERTIFICATE VRQ - LEVEL 2

REF: 2995

### WHICH CAMPUS?

Wolverhampton Street Campus

### WHAT WILL I STUDY?

The course is designed to give you the knowledge and understanding for the VRQ in Light Vehicle Mechanics. You will study:

- Vehicle servicing & repair
- Vehicle techniques
- Workshop practice
- Key skills (Communication, Application of Number and IT)

### HOW WILL I BE ASSESSED?

You will be assessed by practical assignments and a multi-choice question paper.

### WHAT ARE THE ENTRY REQUIREMENTS?

You should have 4 GCSEs at grade C or above or IMI Award in Vehicle Maintenance and Repair Award Level 1 or equivalent.

You will also take an Initial assessment in Literacy and Numeracy skills.

### HOW LONG?

1 year.

### WHAT NEXT?

IMI Diploma in Vehicle Maintenance and Repair, Light Vehicle, or an Apprenticeship.

## VEHICLE MAINTENANCE & REPAIR

LIGHT VEHICLE IMI DIPLOMA  
VRQ - LEVEL 3

REF: 3276

### WHICH CAMPUS?

Wolverhampton Street Campus

### WHAT WILL I STUDY?

This course is designed to teach a systematic approach to fault finding and diagnostic of faults in light vehicles. In addition to workshop practice, you will study the following modules of vehicle technology:

- Diagnose and rectify light vehicle engine and component faults
- Diagnose and rectify light vehicle chassis systems faults
- Diagnose and rectify auxiliary equipment electrical faults
- Diagnose and rectify light vehicle transmission and driveline system faults

### HOW WILL I BE ASSESSED?

Workshop practice will be assessed through sixteen practical assessments: each module of technology will be assessed by a phase test and on-line examination.

### WHAT ARE THE ENTRY REQUIREMENTS?

You should have a VRQ or NVQ in Repairs and Servicing of Road Vehicles at level 2.

### HOW LONG?

1 year.

### WHAT NEXT?

This course will enhance your training and career prospects for employment as a Light Vehicle Technician.

You could go on to study HNC/ HND or Motor Trade Supervision/ Management.



## OTHER COURSES AVAILABLE

### APPRENTICESHIPS

(SEE APPRENTICESHIPS SECTION FOR INFO)

Vehicle Maintenance & Repair  
Apprenticeship & Advanced  
Apprenticeship NVQ - Level 2 & 3  
(REF: 688)

