

Engineering & Motor vehicle

Our achievement rate for Engineering courses in 08/09 was:

100%

Our achievement rate for Motor vehicle courses in 08/09 was:

100%

Like knowing how things work or mad about motors? Train with the experts in our brand new workshops.



Job options

- Auto electrics
- Customer service
- Motor vehicle repair
- Vehicle parts
- Customer service
- Electronic engineering

Vehicle fitting
Institute of
Motor Industry
Level 1 Award

CE0020
Course length: 1 year



Light vehicle
Institute of
Motor Industry
Level 1 Award

CE0022
Course length: 1 year



This course is for you if you wish to work in the fast fit sector or progress onto a higher level of qualification at college. You will learn in a friendly, professional and well-equipped environment, with qualified and dedicated lecturers who have a wealth of knowledge in the motor industry. Learning will take place in both the classroom and motor vehicle workshop.

Course content

- Working safely and effectively during vehicle fitting operations
- Basic vehicle construction and layouts
- Basic vehicle front wheel alignment
- Basic removal and replacement of light vehicle clutches
- Basic removal and replacement of light vehicle exhaust systems
- Basic testing of vehicle charging systems and removal/replacement of batteries
- Basic removal and replacement of light vehicle suspension dampers

- Removal and replacement of basic vehicle braking systems and components
- Basic removal and replacement of standard light vehicle tyres

Key/functional skills

All students need to do the three units in English, Maths and IT. You will be assessed when you join us to make sure that we teach you at the right level.

Entry requirements

No formal qualifications are required but an enthusiasm to acquire a knowledge of the motor industry is essential.

After the course is finished

Progression to Vehicle fitting IMI Level 2 or a traineeship/employment in the fast fit sector and related areas.



The course is designed for you if you wish to work in the service and repair sector or progress onto a higher level qualification at college. You will learn in a friendly, professional and well-equipped environment, with qualified and dedicated lecturers who have a wealth of knowledge of the motor industry. Learning will take place in both the classroom and motor vehicle workshop.

Course content

- Working safely and effectively during light vehicle maintenance and repair
- Foundation skills for light vehicle maintenance and repair
- Light vehicle construction and routine maintenance
- Operating principles of light vehicle tyres, brakes, steering and suspension systems
- Operating principles of light vehicle engines
- Operating principles and maintenance of light vehicle transmission systems
- Operating and maintenance of light vehicle electrical and electronic systems

Key/functional skills

All students need to do the three units in English, Maths and IT. You will be assessed when you join us to make sure that we teach you at the right level.

Entry requirements

Ideally you should have obtained GCSE grades D or E, with a D in Maths or Science and have a keen interest in motor vehicle servicing repair.

After the course is finished

Progression to the Light vehicle IMI Level 2 course. An apprenticeship or employment in the field of motor vehicle engineering.

Light vehicle Institute of Motor Industry Level 2 Certificate

CE0023
Course length: 1 year



This course is for you if you wish to work in the service and repair sector or progress onto a higher level of qualification at college. You will learn in a friendly, professional and well-equipped environment, with qualified and dedicated lecturers who have a wealth of knowledge of the motor industry. Learning will take place in both the classroom and motor vehicle workshop.

Course content

- Contribute to workplace good housekeeping
- Ensure your own actions reduce risks to health & safety
- Maintain positive working relationships
- Carry out routine vehicle maintenance
- Remove and replace engine units and components
- Remove and replace light vehicle auxiliary electrical units

- Remove and replace light vehicle chassis units and components
- Remove and replace light vehicle transmission and driveline units and components

Key/functional skills

All students need to do the three units in English, Maths and IT. You will be assessed when you join us to make sure that we teach you at the right level.

Entry requirements

You will require three GCSEs at grade C or above, one of which must be Maths, English or a Science-based subject. Other entry requirements could include successful completion of Level 1 Award Light Vehicle Route. A keen interest in the motor vehicle industry is also essential.

After the course is finished

Progression on to the Light vehicle IMI Level 3 course. An apprenticeship or employment in the service and repair industry.

Your say



Robert Morten
Institute of Motor
Industry

My experience at college last year was good, I learnt a lot about mechanics and the course was very good. All the tutors were good and the practical lessons went well. I am looking forward to this year and hope it will be just as good if not better.

Your say



Kayle Else
Institute of Motor
Industry

I think it was the best decision I have made to come to this college. The tutors are great and treat us like adults, they are willing to go the extra mile to teach the pupils who want to succeed. The new college is fantastic.

Electrical/Electronic Engineering BTEC Extended Diploma Level 3

CE0018
Course length: 2 years

UCAS

UCAS tariff points available



This gives you a comprehensive look at all the elements of electrical/electronic engineering that can take you on to a higher level qualification, such as a degree, or into employment in the engineering field.

Course content

The course consists of 18 units including:

- Business systems for technicians
- Communications for technicians
- Producing a project
- Mathematics for technicians
- Electrical and electronic principles
- Electronics
- Microelectronics
- Health, safety and welfare
- Further mathematics for technicians
- Engineering materials
- Drawing for engineers
- Computer systems and PC building

Key/functional skills

All students need to do the three units in English, Maths and IT. You will be assessed when you join us to make sure that we teach you at the right level.

Entry requirements

Four GCSEs at grade C or above, including Maths and a Science or a merit grade in BTEC First Diploma in Electronics, or other equivalent qualifications.

After the course is finished

Progression to higher education to pursue a chosen degree course or a Higher National Diploma course. Employment in the field of engineering and study for the Higher National Certificate on a part-time day-release basis. This course could give you between 120 and 360 UCAS points depending on your final grade.

Your say



James White
Engineering BTEC
Level 2

There is a good atmosphere at college, a clean working environment with lots of really good equipment and machines. The tutors are helpful and there is a wide variety of people and courses.

BTECs are changing. The information on these qualifications is correct to our knowledge at time of going to press but is subject to alteration. Please contact us or go online for the latest details.