



SCHOOL LINKS

***Institute of the Motor Industry
Introduction to Vehicle Technology
Equivalent to SCQF Level 4***

Your school has joined with North East Scotland College to offer you the opportunity to undertake a vocational qualification as part of your school studies. This information leaflet is designed to answer your questions and explain a bit about the course you will be taking.

WHAT IS IT?

The Automotive Industry is a well established industry with a wide range of employment opportunities. Having a basic understanding of vehicle technology will support progression to a range of employment opportunities. By completing this course you will be developing important skills which will allow you to consider carrying on with further training and qualifications on leaving school, or prepare you for entering suitable employment.

This course will give you a broad introduction to vehicle technology through a practical course which will offer you the opportunity to gain an industry recognised and valued qualification.

WHAT WILL I LEARN?

During this course you will:

- Build a broad base of knowledge, skills and understanding related to vehicle technology
- Develop an awareness of health and safety issues relevant to a range of activities
- Develop essential skills for learning, life and work
- Develop aspects of the core skills of Working with Others and problem solving
- Build technical knowledge and skills in relation to working within the industry
- Develop good practice in maintaining a tidy and safe work environment.

HOW WILL I BE TAUGHT?

You will experience a variety of teaching methods and practical activities. You will be taught in Vehicle Maintenance Workshops and classrooms at either the Fraserburgh Campus or Aberdeen Altens Campus.

Throughout the course you will be offered an opportunity to review and identify how your skills are developing.

You will be expected to demonstrate:

- Good time keeping skills
- A willingness and commitment to learning
- A knowledge of appropriate dress, in particular Personal Protective Equipment (PPE)
- An ability to work independently
- Planning and preparation skills
- An ability to establish and maintain good working relationships with others
- Problem solving skills.

WHAT WILL I STUDY?

During the course you will participate in a number of the following units:

- Motor Vehicle Workshop Safety
- Introduction to the Retail Automotive Maintenance and Repair Industry
- Introduction to Workshop Tools and Equipment
- Engine Components and Operation
- Light Vehicle Steering and Suspension Systems
- Routine Cooling and Lubrication System Checks
- Routine Braking System Checks
- Routine Wheel and Tyre checks
- Light Vehicle Construction
- Introduction to SI and CI Fuel Systems

The programme places an emphasis on learning by doing, so most of the work you will be doing to achieve the units is practical. Regular attendance is essential.

WHAT DO I NEED?

For all auto-engineering courses it is necessary to wear Personal Protective Equipment (PPE). You are not allowed into the workshops without PPE and will be returned to school and marked absent if you arrive without it.

Personal Protective Equipment required includes:

- Wear the appropriate clothing, including safety footwear, i.e. boots or shoes with steel toe caps, boiler suit and safety glasses (PPE)
- Be ready to start your class at the given time
- Adhere to the School Pupils Code of Commitment.

Eating and drinking are not permitted in the workshops or classrooms. Drinking water is available from water dispensers in the corridors within the College buildings.

HOW WILL I BE ASSESSED?

To achieve the course qualification you must attend regularly and successfully complete a number of units. You will be assessed by a combination of practical assignments and oral knowledge tests. Upon successful completion of all relevant elements you will receive an IMI Certificate evidencing your learning.

WHAT CAN I DO AFTER THIS COURSE?

This Course may provide candidates with opportunities to progress to:

- Full time courses available at North East Scotland College
- Training or employment

WHO DO I SPEAK TO ABOUT THIS COURSE?

If you are interested in this course and want to find out more about it you should speak to your Guidance Teacher at school.

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It is expected that pupils enrolling on this course will remain enrolled with their school for the duration of the course. Therefore this course is **not** suitable for those school pupils planning on leaving school at Christmas.



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