



SCHOOL LINKS

Skills for Work

Engineering Skills
at National 4 & 5

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?

Skills for Work Engineering Skills at National 4 or 5 are National Courses that give you a broad introduction to engineering. Successful completion will result in you gaining a recognised SQA National Qualification. Engineering is a well established industry with a number of qualifications available ranging from National Qualifications and SVQ's to university degrees. By completing this course you will be developing important skills which will support you in progressing into further training and qualifications on leaving school, or seeking suitable employment within the engineering industry.

WHAT WILL I LEARN?

During the course you will:

- Develop technical knowledge, skills and understanding related to Engineering
- Develop an awareness of health and safety issues relevant to a range of activities
- Develop and learn to apply practical, technical and communication skills
- Develop aspects of the Core Skill of Working with Others
- Develop good practice in maintaining a tidy and safe work environment
- Be prepared for further learning opportunities, study and training in the field of Engineering.

HOW WILL I BE TAUGHT?

You will experience a variety of teaching methods and practical activities, which will introduce you to a number of engineering disciplines. You will be taught in workshops and classrooms at a College campus or in a local school.

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 safe approach to working in a workshop environment
- A willingness and commitment to learning and an interest in engineering
- 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?

The National 4 course is made up of the following four units:

- Mechanical
- Electrical/Electronic
- Fabrication
- Manufacture and Assembly.

The National 5 course is made up of the following four units:

- Mechanical & Fabrication
- Electrical & Electronic
- Maintenance
- Design and Manufacture.



WHAT DO I NEED?

Whilst you are taking part in the course you will be required to:

- Wear the appropriate clothing, including safety boots, boiler suit and safety glasses (PPE)
- Be ready to start your class at the given time
- Adhere to the School Pupils Code of Commitment.

For all construction and 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.

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

HOW WILL I BE ASSESSED?

To achieve the course award you must attend regularly and successfully complete all units in the award. Assessment will be based on a range of practical activities in the workshop. Assessors will watch you undertake tasks and you will be expected to demonstrate an awareness of health and safety throughout.

These courses will show on your final SQA Certificate as a National 4 or National 5 award.

WHAT CAN I DO AFTER THIS COURSE?

This course may provide candidates with opportunities to progress to:

- A Scottish Progression Award in Engineering
- SVQ's and Modern Apprenticeships in Engineering
- Relevant programmes in further education colleges
- 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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