

National 3 SfW Practical Experiences: Construction and Engineering (Course

Code: C240 73)

SCQF Level 3 (18 Credit Points)

Why study SfW Practical Experiences: Construction and Engineering?

The course will help you understand the range of jobs available in construction and engineering. You will also be introduced to the basic practical skills and knowledge which may help you to find training or work.

Both construction and engineering employ large numbers of people in Scotland and the UK. Job prospects are forecast to be good in both sectors in the next few years.

Construction and Engineering offers good opportunities for those who enjoy:

- working with their hands
- learning practical and technical skills
- reading plans and drawings
- problem-solving.

Career Pathways

To see what career areas this subject could lead to and the routes to get there, download and view these career pathways:

[Construction](#)

[Engineering](#)

[Health and Medicine](#)

[Property and Facilities](#)

[Transport and Distribution](#)

What do I need to get in?

Entry is at the discretion of the school or college.

What will I study?

This course will give you practical experience in several different trades, for example: brickwork, painting and decorating, carpentry and joinery, and plumbing.

The course is made up of three compulsory 40-hour units:

- Practical Experiences in Construction

- Practical Experiences in Engineering
- Developing Employability Skills in Construction and Engineering

You will learn about

- the use of basic tools, equipment and materials used in the building and engineering industries
- the range of job opportunities, career paths and job roles in construction and engineering
- employability skills including communication, measuring and following instructions

Where will I take the course?

You will usually train at your school or a local college. Training sessions will take place for a set number of hours and weeks during term time. You will have to wear appropriate Personal Protective Equipment (PPE) on this course, for example: safety footwear (boots or shoes with steel toe caps), safety glasses and a boiler suit or overalls.

Work experience/placements

Due to health and safety requirements it is not normally possible to arrange a construction work experience placement for young people. However, where possible, you may be able to visit sites or construction companies.

You may be able to arrange an engineering-related work experience placement by speaking to your pastoral care or guidance teacher in school.

How will I be assessed?

Assessment will be based on a range of practical workshop activities in real or simulated workplace settings. Tutors will observe and keep records of your work.

Study Materials

What can I go on to next?

Employment/Training

- a Modern Apprenticeship in the construction or engineering industry

You may be able to progress to:

- **National 4 SfW Engineering Skills**
- **National 4 SfW Construction Crafts**

Further study, training or employment in:

- Construction
- Engineering

- Health and Medicine
- Property and Facilities
- Transport and Distribution