

Skills for Work: Health Sector National 5 (SCQF level 5)

The National 5 Course is designed as an introduction to the health sector. It is an ideal course for pupils who have gained a National 4 or N5 Units in Biology and are looking to find out how to apply their skills and knowledge in the workplace. It is also suitable for direct entry for any pupil who has gained a National 4 or 5 in any Science and would prefer to continue with Science but not to move on to Higher level.



The emphasis of this Course is to prepare candidates for working in the health sector and develop employability skills valued by employers. Candidates will develop a range of knowledge and skills required in this vocational area and investigate a range of job roles and career opportunities as well as participating in a job interview.

Candidates will also develop a wide range of skills, including research and self-evaluation skills. Emphasis throughout all Units is on the employability skills and attitudes which will help prepare candidates for the workplace.

The Skills for Work Course in Health Sector at SCQF level 5 consists of five mandatory Units:

- Working in the Health Sector
- Life Sciences Industry and the Health Sector
- Improving Health and Well-being
- Physiology of the Cardiovascular System
- Working in Non Clinical Roles

There is no external exam for this course.

Skills for Work: Laboratory Science National 5 (SCQF level 5)

National 5 Skills for Work: Laboratory Science is an introductory qualification. The course provides a broad experiential introduction to laboratory science. Learners will explore a variety of industries and services, and career opportunities, in science laboratories locally, nationally, and globally.



It is an ideal course for pupils who have gained a National 4 or N5 Units in Chemistry and are looking to find out how to apply their skills and knowledge in the workplace. It is also suitable for direct entry for any pupil who has gained a National 4 or 5 in any Science and would prefer to continue with Science but not to move on to Higher level.

They will develop the basic practical skills and knowledge needed for working in a laboratory: measuring, weighing and preparing compounds and solutions; and health and safety requirements as well as practical skills in microbiology, measuring radioactivity, chemical handling and laboratory instrumentation.

Throughout all units, the course emphasises the employability skills and attitudes valued by employers which will help to prepare learners for the workplace. Learners will review their own employability skills, and will seek feedback from others on their strengths and weaknesses.

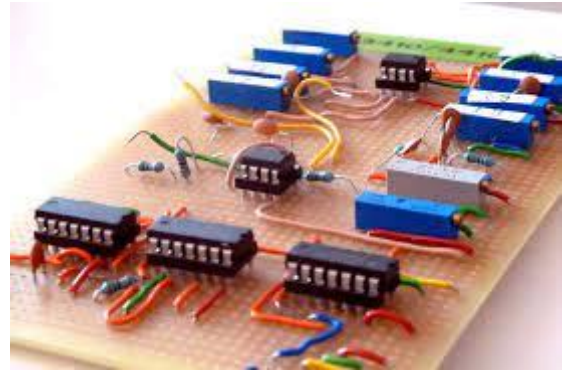
The Skills for Work Course in Laboratory Science consists of four mandatory units:

- Careers using Laboratory Science
- Working in a Laboratory
- Practical Skills
- Practical Investigation

There is no external exam for this course.

National 5 Practical Electronics

The National 5 Practical Electronics course provides a broad practical introduction to electronics. The course encourages candidates to become responsible and creative in their use of technologies and to develop attributes such as flexibility, enthusiasm, perseverance, reliability and confidence.



Electronics brings together elements of technology, science and mathematics and applies these to real-world challenges. The course provides progression from experiences and outcomes in craft, design, engineering and graphics, and in science. It provides a solid foundation for those considering further study or a career in electronics, electrical engineering and related disciplines. The course also provides a valuable complementary practical experience for those studying engineering science, physics or other science courses.

The National 5 Practical Electronics course has three areas of study.

Circuit design In this area, candidates develop an understanding of key electrical concepts and electronic components. Candidates analyse electronic problems, design solutions to these problems and explore issues relating to electronics.

Circuit simulation In this area, candidates use simulation software to assist in the design, construction and testing of circuits and systems and to investigate their behaviour.

Circuit construction In this area, candidates gain experience in assembling a range of electronic circuits, using permanent and non-permanent methods. They develop skills in practical wiring and assembly techniques, carrying out testing and evaluating functionality.

N5 Practical Electronics is assessed through

- A 1 hour exam worth 30% of the marks
- A practical project worth 70% of the marks.