

## SVQ Performing Engineering Operations: Electrical Level 2 *(Broadly comparable to SCQF*

*Level 5)*

Full-time\*

\* Also available on a part-time basis. For more information visit [nescol.ac.uk/courses](http://nescol.ac.uk/courses) or pick up a Part-time Course Guide.

### Where can I study?

Location	Duration	Course code
Aberdeen Altens Campus	1 Year	QNSP
Fraserburgh Campus	1 Year	RCSR

### Introduction to the course

This course will introduce you to practical electrical/electronic installation, maintenance and testing skills through hands-on work, demonstrations, continuous assessment and project work. You will learn how to recognise materials and processes and utilise these to effectively meet current and future engineering trends. Successful completion will allow you to gain a competence-based SVQ qualification.

### Entry requirements

No formal academic qualifications are required for this course, although a practical test will be carried out during interview. Mature students may also apply based on experience and/or desire to change career.

### What subjects will I be studying?

You will learn how to work effectively, efficiently and safely in an engineering environment, whilst developing essential practical skills. Subjects include:

- Working Safely in an Engineering Environment
- Working Efficiently and Effectively in Engineering
- Using and Communicating Technical Information
- Wiring and Testing Electronic Circuits
- Wiring and Testing Programmable Controller Based Systems
- Maintaining Electronic Equipment/Systems
- Maintaining Electrical Equipment/Systems
- Electrical Testing Skills
- Programmable Logic Controllers
- Electronic Manufacturing Skills
- Electronic Testing Skills

### Assessment methods

Units will be continually assessed throughout the year. Results of formative and summative assessments will be evaluated and discussed.

## Dress code

Students will be asked to wear appropriate Personal Protective Equipment (PPE) for practical elements of this course.

## Equipment

Students must supply their own boiler suit and protective footwear.

## Course progression

After successfully completing this course, you may progress to the NC Electrical (SCQF Level 6) course.

## University links

North East Scotland College has links with a wide range of universities from across Scotland. Every one of our HND level courses has articulation opportunities where you could progress from your chosen course to a related university degree, subject to conditions. This is an excellent option for those who may want to come to College at an introductory level, and then work their way towards degree level study.

[Find out more about our associate universities](#)

## Employment

Successful completion will allow access to careers in commercial and domestic Electrical engineering as well as oil and gas. This course will provide practical experience and the theory required to progress to careers in Electrical Craft and Electrical Technician as well as other Electrical jobs.

## Useful contacts

### Head of Faculty:

#### Patricia Cromar

Head of Faculty, Engineering & Construction, Aberdeen Altens Campus

Email: [p.cromar@nescol.ac.uk](mailto:p.cromar@nescol.ac.uk)

#### Kevin Bruce

Head of Faculty, Engineering & Construction, Fraserburgh Campus

Email: [kbruce@nescol.ac.uk](mailto:kbruce@nescol.ac.uk)

### Curriculum Manager:

#### David Pirie

Curriculum Manager, Aberdeen Altens Campus

Email: [d.pirie@nescol.ac.uk](mailto:d.pirie@nescol.ac.uk)

#### Malcolm MacLeod

Curriculum Manager, Fraserburgh Campus

Email: [mmacleod@nescol.ac.uk](mailto:mmacleod@nescol.ac.uk)

## Academic Tutor

Once you come to College you will be allocated an academic tutor, who will be your initial point of contact. You will meet your tutor at least once a term during tutor hour — they are also the person to go to for the following:

- **Induction:** You will be invited to come in the week before your course starts for your induction. Your tutor will cover key aspects of life at the College to make sure you are well prepared for your NESCol experience.

- **Initial support:** Your tutor is the first point of contact for academic, personal and social support.
- **Attendance:** Your attendance and progress while you are at college, will be monitored by your tutor.
- **Additional support needs:** If you have indicated that you have additional learning or support needs, speak to your tutor who will refer you to the Student Advice and Support team for needs assessment as soon as practically possible.
- **Transitions:** your tutor will keep you informed of the many activities and events organised by the College to support you with career choices, employability, enterprise and articulation guidance and advice.

## Student Advice Centre

The Student Advice Centre is your one stop shop for all information and support during your time at NESCol. Staff based within the centre provide impartial and confidential information and advice on a range of issues including:

- Applications and course advice
- Funding and money management
- Careers, employability and enterprise
- Transitions to college and university
- Key Skills and Study Skills support
- Additional Support for Learning
- Assistive technologies
- Mental health and wellbeing advice
- Care Experienced and Corporate Parenting
- Tier 4 and international admissions

## Learning Resources

### My NESCol

My NESCol is the College's student web portal that will provide you with on-demand access to all of the links, news and services that you will use once you have enrolled. It's accessible via any computer, and as an Android or Apple app. It's easy to use, and you can even receive important alerts on your device!

### Blackboard

Blackboard is the Virtual Learning Environment system used in the College, where you can find a host of useful information and access your courses online. It will be the main platform that your lecturers will use to make resources available to you including interactive materials, videos, assessments and feedback.

### IT HelpZone

The IT HelpZones are run by students, for students, and there are helpdesks located in main social areas at the Aberdeen and Fraserburgh Campuses, and a dedicated helpline at our Altens Campus. You can drop in, email or telephone for assistance.

### Library+

Each Library offers thousands of resources for study, including books, journals, e-books, e-journals and magazines — all relevant to the courses on offer at the campus in which they are situated. They also offer quiet, silent, individual, and group study facilities.

### Bring Your Own Device (BYOD)

NESCol believes that your learning and teaching experience at College can be enhanced significantly by use of a mobile device, such as a tablet or a laptop. For this reason, many students are required to bring a device with them to College. This initiative is known as Bring Your Own Device (BYOD) and its aim is to provide learners with a more bespoke and student-centred learning experience.

### Digital Skills Space

Located within each Library Plus facility you will find a dedicated Digital Skills Space, featuring Bring Your Own Device (BYOD) workspaces and dedicated desktop PC work areas. These spaces are also used to deliver core IT teaching, drop-in IT support and scheduled digital skills workshops. You can also use these spaces for flexible access to PCs during Library+ opening hours.

## College Calendar

Have a look at our [College Calendar](#) for further information on key dates throughout the year.

**Disclaimer:** Please note that the information put forward in this course specification document is subject to change at any time, and without prior notice. We have taken every care to ensure that the information provided is as accurate and up-to-date as possible, but we are not liable for the

content of or any omissions on this document. This includes any inaccuracies, errors or misstatements in the information/data presented.