

## Performing Engineering Operations - Electrical

Ayrshire College

### Venues

Kilwinning Campus

### Content

This course is extremely 'hands on', teaching you the basic hand skills you'll need to become a Modern Apprentice in engineering. It's an essential part of a Modern Apprenticeship, making you more employable in an electrical discipline.

There's a bit of theory, which includes some maths, relevant to an engineering context. You'll also look at topics such as how to use technical information like engineering drawings, how to work effectively in an engineering post, and health and safety regulations. We'll also spend a small amount of time developing your core skills for employment, such as working as part of a team.

You will: develop skills in producing components using hand fitting techniques; learn how to use a Computer Aid Drawing (CAD) system; develop skills in wiring and testing electrical equipment and circuits; learn how to form and assemble electrical cable enclosures and support systems; develop skills in practical electronics.

### Start Date

August

### Qualification

SVQ

### Study Method

Full time

### Award Title

at SCQF Level 5

### Course Length

1 year

### Department

Engineering

### Entry Requirements

3 subjects at National 4, preferably including English and Maths, or relevant national qualifications at SCQF Level 4. Entry subject to interview.

### SCQF Level

5

### SCQF Points

«SCQFPoints»

### Progression Routes

Progression on to a Modern Apprenticeship or relevant course at SCQF Level 6 such as NC Electrical Engineering or NC Electrical and Electronic Engineering.

### Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

### Address

Dam Park  
Ayr  
KA8 0EU

### Website

[www1.ayrshire.ac.uk](http://www1.ayrshire.ac.uk)