

## Electrical Engineering and Electronic Engineering (Level 5)

Fife College

### Venues

Glenrothes Campus

### Content

On this course you will gain a large amount of practical experience in both electrical wiring installation and electronics. You will be introduced to various wiring techniques for installing domestic lighting and socket circuits using sheathed cable. You will also learn how to wire and install industrial conduit systems using single core cable. This course will also introduce you to digital electronics through practical exercises using logic gates.

Subjects Include:

Soldering and circuit assembly techniques; Introduction to electrical wiring; Fundamental Electrical Systems; Fundamental Electronic theory; Electrical principles theory; Safe Working Practices; Electrical Testing and Measurement; Industrial wiring techniques; Transformation & Rectification theory; Mathematics Craft 1 & 2; ICT; Communication.

### Start Date

August

### Qualification

NC

### Study Method

Full time

### Course Length

1 year

### Department

Engineering and Energy

### Entry Requirements

National 4 English, Maths and a science or technological subject, or relevant national qualifications at SCQF Level 4. Interview.

### SCQF Level

5

## SCQF Points

«SCQFPoints»

## Progression Routes

NC Electrical Engineering (Level 6)

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Calaiswood Crescent  
Dunfermline  
KY11 8SJ

## Website

[www.fife.ac.uk](http://www.fife.ac.uk)