

## Advanced Certificate: Electrical Engineering (Level 6)

Fife College

### Venues

Dunfermline (Halbeath) Campus

### Content

Looking to kickstart your career in electrical engineering? This Advanced Certificate is the perfect starting point. It equips you with the essential skills and knowledge to succeed as a technician or apprentice.

By completing the Advanced Certificate: Electrical Engineering, you will develop a strong foundation in the fundamentals of the trade building on your understanding of basic electrical concepts such as voltage, current, resistance, and Ohm's Law. This is achieved through activities such as analysis and design of electrical circuits, including DC and AC circuits, along with knowledge and understanding of wiring and Health and Safety/electrical safety regulations. making you well-prepared for further study or employment in the electrical industry.

Units include:

Communication; Engineering: Applying Information Technology; Mathematics: Technician 1; Electrical ; Principles; Electrical Testing and Measurement; Fundamental Electrical Systems; Inspection and Testing of Electrical Installations; Single and Three Phase Induction Motors; Installation of PVC Sheathed Wiring Systems; Installation of Trunking Systems; Installation of Conduit Systems; Single Phase and Three Phase Principles.

### Start Date

August

### Qualification

Other

### Study Method

Full time

### Course Length

1 year

### Department

Engineering and Energy

### Entry Requirements

4 subjects at National 5 including Maths and a science subject, or relevant national qualifications at SCQF Level 5. Interview and aptitude test.

## SCQF Level

6

## SCQF Points

«SCQFPoints»

## Progression Routes

Progression into HNC Electrical Engineering

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Pittsburgh Road  
Dunfermline  
KY11 8DY

## Website

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