

Advanced Certificate: Electrical Engineering (Level 6)

Fife College

Venues

Dunfermline City 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

Calaiswood Crescent
Dunfermline
KY11 8SJ

Website

www.fife.ac.uk