

# Electrical Engineering

Fife College

## Venues

Rosyth Campus

## Content

This course will introduce you on to the higher level aspects of electrical engineering. You will take part in significant practical activities which are underpinned by a strong theoretical content that will guide you towards a career in electrical engineering. The academic level of this course is the same as year 1 at university.

You will study: DC and AC principles; Electrical machine principles; Three phase systems; Electricity power systems; Electrical networks; Programmable logic controllers (PLCs); Electrical testing; Engineering Maths 1 and 2; Communications practical skills; Combinational logic; Fundamentals of control systems; Graded unit.

## Start Date

August

## Qualification

HNC

## Study Method

Distance and Flexible learning  
Part time (day release)

## Course Length

1 year

## Department

Engineering and Energy

## Entry Requirements

Higher Maths and Engineering Science or Physics; or Foundation Apprenticeship Engineering; or NC Electrical Engineering (Level 6); or other relevant national qualifications at SCQF Level 6. Interview.

## SCQF Level

7

## SCQF Points

«SCQFPoints»

## Progression Routes

HND Electrical Engineering

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Pittsburgh Road  
Dunfermline  
KY11 8DY

## Website

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