

# Electrical Engineering

Forth Valley College

## Venues

Falkirk Campus

## Content

This course provides a wide range of Core and Engineering Skills in Electrical and Electronics Engineering enabling learners to progress to advanced level study.

Content:

Transformers; Power Systems; Electrical Motor Drive; Electrical Machine Principles; Power Electronics; Transmission Lines and Complex Waves; Digital Electronics; Mathematics; Electrical Installation Skills; Business Awareness and Continuing Professional Development; Programmable Logical Controllers; Analogue Electronics; Electrical Standby Systems; Utilisation of Electrical Energy in Buildings.

## Start Date

August

## Qualification

HND

## Study Method

Full time

## Course Length

2 years

## Department

Engineering

## Entry Requirements

Higher Maths and a science or technological subject; or Foundation Apprenticeship Engineering; or relevant national qualifications at SCQF Level 6. Selection by two stage interview.

## SCQF Level

8

## SCQF Points

«SCQFPoints»

## Progression Routes

Year 3 of a relevant degree programme.

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Grangemouth Road  
Falkirk  
FK2 9AD

## Website

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