Electrical Engineering

Ayrshire College

Venues

Ayr Campus
Kilwinning Campus

Content

Scotland has a world-renowned reputation for engineering and is at the cutting-edge of engineering developments. Engineers have an impact on every aspect of modern living and enjoy exciting career opportunities. If you've got a logical and inquisitive mind, enjoy problem solving and are curious to know how things work, you've got it in you to make a great engineer!

This course will give you a technical grounding in Electrical Power, Generation, Electrical Safety, and Instrumentation, and will cover the following subjects:

Engineering Mathematics; Communications; DC and AC Principles; 3 Phase Systems; Electrical Power Systems; Electrical Machine Principles; Electrical Safety; Applications of Programmable Logic Controllers; Networks and Resonance; IT Applications Software; Electrical Installation Skills.

Start Date

August

Qualification

HNC

Study Method

Full time

Course Length

1 year

Department

Engineering

Entry Requirements

Higher Maths and Physics or a technological subject, or NC Electrical Engineering (Level 6), or other relevant national qualifications at SCQF Level 6. Interview.

SCQF Level

7

SCQF Points

«SCQFPoints»

Progression Routes

Relevant HND course

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

www1.ayrshire.ac.uk