

Electrical Engineering

Ayrshire College

Venues

Ayr Campus
Kilwinning Campus

Content

Gain skills and experiences that set you up for a successful career in electrical engineering. Beyond theory, gain hands-on skills for real-world applications. Acquire meta skills and transferable skills, enhancing your cognitive abilities.

Explore the core aspects of electrical engineering and specialise in key areas:

maths in an engineering context and enhance your IT skills with various software application packages; develop knowledge, understanding and skills in a range of core electrical principles, incorporating DC and AC principles, electrical power systems, electrical machine principles and electrical safety; master Programmable Logic Controllers (PLCs) and create programs for industrial processes; develop practical skills in installing domestic and industrial electrical wiring systems, and practical use of testing instruments; achieve a degree of specialisation within the following areas: Electrical Principles, Information Technology, Power Electronics, Networks and Resonance, and Programmable Logic Controllers.

Throughout the course you will develop a range of communication knowledge and skills relevant to the needs of electrical engineers.

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, 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

Dam Park
Ayr
KA8 0EU

Website

www1.ayrshire.ac.uk