

Electrical Engineering

Glasgow Kelvin College

Venues

Springburn Campus

Content

Do you want to work in Scotland's Electrical Engineering industry? Indeed, do you want a highly paid job that can take you anywhere in the world while working in an exciting and respected industry?

The HND Electrical Engineering course will develop your ability to analyse and solve electrical engineering problems, and apply knowledge, understanding and skills to electrical systems, but also has a strong emphasis on practical skills and is intended for those interested in developing skills for a highly paid career in this exciting and respected industry.

The award provides a broad based technical education for those intending to start a career in electrical engineering or who wish to progress to university to study at degree level.

Content includes:

Electrical Engineering Theory includes:

Electrical Principles; Electrical Safety; Power Systems and Power Electronics; Control Systems and Transducers; Renewable Energy Systems; Electrical Machines and Plant Maintenance; Electrical Installation Design; Mathematics (including Mathematics options for university entrance).

Practical hands on work includes:

Software Programming in C++; Programmable Logic Controllers; Electrical and Electronic Instruments; Electrical Wiring Skills; Analogue and Digital Electronics; Power Supply Circuits; Build an Engineering Project.

Start Date

August

Qualification

HND

Study Method

Full time

Course Length

2 years

Department

Engineering

Entry Requirements

Higher Maths or Physics; or Higher in a technological subject plus Maths at National 5; or Foundation Apprenticeship Engineering; or relevant national qualifications at SCQF Level 6.

SCQF Level

8

SCQF Points

«SCQFPoints»

Progression Routes

Appropriate Degree programmes.

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

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Website

www.glasgowkelvin.ac.uk