Electronic Engineering

Glasgow Clyde College

Venues

Cardonald Campus

Content

This HND Electronic Engineering course will provide you with the theoretical knowledge and practical skills which are crucial in today's technology-driven job market. Glasgow Clyde is the only college in Scotland offering HND Electronic Engineering, and are proud to be a leading educator in this field, with a leading electronic team who align with the world skills occupational standards.

The course includes the design, building and simulation of electronic circuits, meeting electronic industry standards. Studying electronics opens doors to a diverse range of career opportunities in one of the fastest growing sectors in the UK, and many of our students are recruited directly to industry from this course.

Contents Include:
Analogue electronic principles; Combinational logic; High-level engineering software; DC and AC principles; Electronic testing skills; Maths for engineering 1; Maths for engineering 2; Communication: Practical skills; Electrical networks and resonance; Sequential logic; Electronic construction skills; PCB design and manufacture; Engineering software and application; Active circuits; Electronic fault finding; Programmable logic devices; Field programmable gate arrays; Telecommunications; Power supplies; Business awareness; Electronic graded unit 1; Electronic graded unit 2.

Start Date

August

Qualification

HND

Study Method

Full time

Course Length

2 years

Department

Electrical and Electronics

Entry Requirements

Higher Maths, Physics or a technological subject, or relevant national qualifications at SCQF Level 6.

SCQF Level

8

SCQF Points

«SCQFPoints»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

www.glasgowclyde.ac.uk