

Electronic Engineering

Glasgow Clyde College

Venues

Cardonald Campus

Content

With ever changing and exciting developments in the electrical and electronic industry, including Industry 4.0, this course will provide you with the knowledge and skills you'll need to work, or undertake further study, in the sector. This is an area of high end growth in which you can gain employment as an engineer in electrical and electronics design, manufacture, maintenance, testing or fault finding. It enables engineers to develop their skills and competence to a higher level across a wide range of modern engineering electrical and electronic systems. In addition, this course contains an insight to an electronics role within the electrical discipline and provides hands on experience which will support your progression to university.

Contents Include:

Analogue and digital electronics; Programmable logic devices (PLDs); Power supply circuits; High-level engineering software; Fault finding; DC and AC networks; Microcontroller; Maths for Engineering; Communication practical skills; PCB design and manufacture; Electrical networks; Active filters; Electronics project

Start Date

August

Qualification

HND

Study Method

Full time

Course Length

2 years

Department

Electrical and Electronics

Entry Requirements

1 Higher in either Maths, English or a technical subject or, NC Engineering.

SCQF Level

8

SCQF Points

«SCQFPoints»

Progression Routes

Relevant degree programme.

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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