

Electrical Power Engineering (2nd or 3rd year entry)

Glasgow Caledonian University

Content

Climate change and economic drivers mean there is a strong move toward renewable energy from wind, wave, and tidal sources - and consequently an increased demand for Power System Engineers.

This course has been designed in collaboration with industry experts and has a strong emphasis on practical experience. It provides a broad education in electrical, mechanical, and electronic engineering, alongside specialist modules in power engineering and power electronics.

Year 2

Introduces Management Responsibilities of a Professional Engineer, Mathematics, Thermodynamics, Energy Resources, Generation & Utilisation, Electrical Systems, Instrumentation and Control Systems.

Year 3

Control Engineering, Power Electronic Systems, Plant and Electrical Distribution, Energy Conversion Technologies.

Year 4

Honour Project, Power Systems Technology, Electrical Machines, Renewable Energy Technology, Control Engineering.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BEng

UCAS Code

H630

Course Length

2-3 years

Faculty

School of Computing, Engineering and Built Environment

Department

Electrical and Electronic Engineering

Entry Requirements

2026 entry requirements

Standard entry: 4 Highers at BBCC including Maths and a science or technological subject.

Widening access entry: 4 Highers at BCCC including Maths and a science or technological subject.

A Foundation Apprenticeship is accepted as equivalent of a non-essential Higher at B.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

Cowcaddens Road
Glasgow
Glasgow City
G4 0BA

Website

www.gcu.ac.uk