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

2027 entry requirements

Relevant HNC or HND

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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