

Engineering Systems

Glasgow Clyde College

Venues

Anniesland Campus

Content

The engineering systems course is ideal if you already work in engineering industry and want to progress towards professional engineering status. It develops skills and competence to a higher level across a wide range of modern engineering systems including electrical, mechanical and mechatronic systems.

Subjects include:

Application of Programmable Logic Controllers; Communication: Practical Skills; Electrical Machine Principles; Engineering Communication; Engineering Measurement and Systems Monitoring; Engineering Mathematics 1; Engineering Mathematics 2; Mechatronic System Elements; Principles of Engineering Systems; DC and AC Principles; Three Phase Systems; Engineering Systems: Graded Unit 1 Examination; Business Awareness and CPD; Design for Manufacture; Engineering Practical Skills; Engineering Systems Analysis: System Modelling and Control; Principles of Safe Engineering Systems; Project Management; Statics and Strength of Materials; Dynamics; Thermofluids; Engineering Mathematics 3; Engineering Mathematics 4; Engineering Mathematics 5; Engineering Systems Graded Unit 2 – Project Based.

Start Date

August

Qualification

HND

Study Method

Part time (day)

Course Length

4 years

Department

Engineering Systems

Entry Requirements

2 Highers from English, Maths, Physics or a science or technological subject. An NC in an appropriate discipline. Applications

are also invited from those without formal qualifications but who have relevant life and/or work experience. Entry subject to interview and aptitude test.

SCQF Level

8

Progression Routes

Relevant degree programme.

Address

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Glasgow
Glasgow City
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Website

www.glasgowclyde.ac.uk