Engineering: Design and Manufacture (Graduate Apprenticeship)

Glasgow Caledonian University

Content

Current trends towards multidisciplinary working in engineering firms drives a need for engineers to become ‘technically fluent’ in a broader range of areas, manage technological convergence, collaborate and demonstrate problem-solving skills.

The purpose of the Graduate Apprenticeship BEng (Hons) Engineering (Design and Manufacture) course is to produce graduates with the skills and knowledge to become professional engineers capable of working in various engineering environments. You will specialise in one of the following streams: Computer-Aided Engineering, Control and Instrumentation or Electrical Power Engineering Design.

Year 1
Mathematics 1, Electrical Principles and Circuit Theory, Principles of Programmable Systems, Mechanical Principles, Engineering Materials, Integrated Engineering Studies, Engineering Applications.

Year 2
Mathematics 2, Thermodynamics and Fluid Mechanics 2, Control and Instrumentation Systems, Integrated Engineering Studies 2.

Year 3
Engineering Operations Management, Energy Conversion Technologies, Integrated Engineering Studies 3.In Year 4 you will study specialist modules according to your stream

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Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

Course Length

4 years

Faculty

School of Computing, Engineering and Built Environment

Department

Mechanical Engineering

Entry Requirements

2027 entry requirements

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

You must be in (or in the process of looking for) a GA position with an employer. Contact institution for further information.

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

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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