Mechanical Engineering

Glasgow Kelvin College

Venues

Springburn Campus

Content

The HNC Mechanical Engineering is an intensive one-year course designed to give you the knowledge, skills, and confidence to move forward in your engineering career — whether you're progressing to HND or university study, or entering employment as a junior technician or engineering apprentice.

You'll explore the core principles of mechanical engineering, while developing a strong practical understanding of how to apply theory in real-world situations. The course combines classroom learning with CAD and hands-on laboratory work in our purpose-built Innovation Engineering Lab, ensuring you graduate with both technical competence and confidence.

Content:

You will build up an excellent understanding of a broad range of theoretical aspects of mechanical engineering skills at Higher National Certificate in Mechanical Engineering – SCQF level 7, including:

Dynamics and Statics; Thermofluids; Strength of Materials & Materials Selection; Pneumatics and Hydraulics; Computer-Aided Design (CAD); Quality Management & Engineering Principles; Communication; Engineering Mathematics; Workshop Engineering Skills.

Start Date

August

Qualification

HNC

Study Method

Full time

Course Length

1 year

Department

Engineering

Entry Requirements

Higher Maths or a science subject, Physics preferred; or Foundation Apprenticeship Engineering; or relevant national qualifications at SCQF Level 6.

SCQF Level

7

SCQF Points

«SCQFPoints»

Progression Routes

Relevant degree course.

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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