Mechanical Engineering (University of Glasgow Pathway)

Ayrshire College

Venues

Kilmarnock Campus

Content

This HNC Mechanical Engineering course offers a pathway to University of Glasgow.

Dive into a curriculum that balances theory with practicality. In this course, you may:

Explore basic mechanical engineering principles: including statics and strength of materials, dynamics, and thermofluids; Delve into thermofluids: for engineering systems solutions; Investigate dynamics and motion: solving problems related to linear and angular motion, impulse, conservation of momentum, work, energy, and power; Examine statics and strength of materials in-depth; Study pneumatic and hydraulic systems: their operation, maintenance, and hands-on fluid power circuit design; Engage in engineering design for manufacturing processes: crafting your design solutions; Analyse materials and learn to select the right ones for diverse products; Master the operation of a commercial CAD system: for 2D engineering drawings.

This 15-credit HNC involves single-exam assessments for some units, with a Graded Unit 1 exam towards the end of the year.

Start Date

August

Qualification

HNC

Study Method

Full time

Course Length

1 year

Department

Engineering

Entry Requirements

Higher Maths at B and Physics or Engineering Science

SCQF Level

7

SCQF Points

«SCQFPoints»

Progression Routes

Year 2 of University of Glasgow MEng degree course

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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