

Mechanical Engineering

Ayrshire College

Venues

Kilmarnock Campus

Content

This course will give you sound knowledge and understanding of the key aspects of mechanical engineering. It's mainly theoretical, with a small practical element to prepare you for further study or employment.

You will: explore basic mechanical engineering principles; look further at thermofluids; explore dynamics and motion; look more in depth at statics and strength of materials; look at pneumatic and hydraulic systems; look at engineering design for manufacture processes; examine materials; develop skills in engineering drawings; learn how to operate a commercial CAD (Computer Aided Draughting) system; do a significant amount of maths, developing your skills to solve problems within an engineering context.

Start Date

August

Qualification

HNC

Study Method

Full time

Course Length

1 year

Department

Engineering

Entry Requirements

Higher Maths or Physics, or Foundation Apprenticeship Engineering, or other relevant national qualifications at SCQF Level 6. Entry subject to interview.

SCQF Level

7

SCQF Points

«SCQFPoints»

Progression Routes

HND Mechanical Engineering or progression to employment or university.

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

Dam Park
Ayr
KA8 0EU

Website

www1.ayrshire.ac.uk