

# 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

## Progression Routes

HND Mechanical Engineering or progression to employment or university.

## Address

Dam Park  
Ayr  
KA8 0EU

## Website

[www1.ayrshire.ac.uk](http://www1.ayrshire.ac.uk)