

# Mechanical Engineering

Forth Valley College

## Venues

Falkirk Campus

## Content

This course provides an excellent foundation in mechanical engineering. Attaining this award allows students to progress to HN level courses.

Content includes:

Communication; Mathematics Technician 1 and 2; Engineering: Applying Information Technology; Computer Aided Draughting (CAD) for Engineers; Industrial CNC Machining - Pneumatics and Hydraulics; Power Drives; Thermofluids; Graphical Engineering Communication; Engineering Dynamics: An Introduction; Statics - Engineering Dimensional Control; Engineering Materials; Material Removal Practice: Turning.

Subjects Include:

Communication; Mathematics Technician 1; Mathematics Technician 2; Engineering: Applying Information Technology; Computer Aided Draughting (CAD) for Engineers; Pneumatics and Hydraulics Thermofluids; Engineering Dynamics: An Introduction; Statics - Engineering Dimensional Control; Engineering Materials; Tutorial; Strength of Materials; Engineering Project.

## Start Date

August

## Qualification

NC

## Study Method

Full time

## Course Length

1 year

## Department

Engineering

## Entry Requirements

3 subjects at National 5 including Maths and a science or a technological subject; or relevant national qualifications at SCQF Level 5. Entry subject to interview.

## SCQF Level

6

## SCQF Points

«SCQFPoints»

## Progression Routes

Relevant HNC/D or entry to a Modern Apprenticeship.

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Grangemouth Road  
Falkirk  
FK2 9AD

## Website

[www.forthvalley.ac.uk](http://www.forthvalley.ac.uk)