

Mechanical Engineering (Year 1)

Forth Valley College

Venues

Falkirk Campus

Content

This advanced course provides learners with a wide range of knowledge and skills required for mechanical engineering relevant to mechanical, manufacture, process, oil and gas and alternative energy industries.

The objective of the programme of study is to provide a broad understanding of mechanical engineering technologies. In addition, it develops organisational skills including project planning, maintenance strategies, methods of design analysis, leadership and interpersonal skills.

Content:

Engineering Mathematics 2; Information Technology Plant Systems; Heating Ventilation and Air Conditioning; Process Equipment and Selection Advanced Strength of Material; Applied Industrial Plant Maintenance; Design for Manufacture Heat Transfer and Fluid Mechanics; Engineering Drawing; Engineering Skills Project Management; Business Awareness and Continuing Professional Development; Graded Unit 2: Mechanical Engineering Fundamentals of control and Transducers

Start Date

September

Qualification

HND

Study Method

Part time (evening)

Course Length

2 years

Department

Engineering

Entry Requirements

HNC Mechanical Engineering Group Award containing the 12 HN Units within the current HNC Group Award.

SCQF Level

8

Cost

£780.00

Progression Routes

Year 3 of a relevant degree

Address

Grangemouth Road
Falkirk
FK2 9AD

Website

www.forthvalley.ac.uk