

Performing Engineering Operations (Pre-apprenticeship)

Ayrshire College

Venues

Kilmarnock Campus

Content

Scotland has a world-renowned reputation for engineering, and is at the cutting-edge of engineering developments. Engineers design, create, test and improve all sorts of products and processes. They have an impact on every aspect of modern living and enjoy exciting career opportunities in lots of different sectors, including space, aviation, transport, medicine, technology, food, fashion and construction.

Dive into a dynamic blend of practical work and theory, gaining the skills and knowledge for further study or employment. You may explore:

Basic maths and IT application: in an engineering context; Develop skills in welding processes like MMA, MIG, MAG, and TIG; Explore fabrication techniques, understanding metal structures and the machinery used; Understand thermal cutting processes, from oxy-fuel to plasma and laser methods; Interpret drawings, instructions, and specifications to create operational drawings and templates; Enhance graphical engineering communication through 2D assembly drawings; Build essential transferable skills like communication, numeracy, ICT, teamwork and problem solving.

Start Date

August

Qualification

SVQ

Study Method

Full time

Award Title

at SCQF Level 5

Course Length

1 year

Department

Engineering

Entry Requirements

3 subjects at National 4, including English, Maths or Applications of Maths (Maths preferred) and a technological subject.
Interview and aptitude test.

SCQF Level

5

SCQF Points

«SCQFPoints»

Progression Routes

Relevant NC programme at Level 6 or a Modern Apprenticeship.

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

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Website

www1.ayrshire.ac.uk