

Performing Engineering Operations - Aeronautical

Ayrshire College

Venues

Ayr Campus

Content

This course is extremely 'hands on', teaching you the basic hand skills needed to work successfully in the aviation industry. Most of your time will be spent in our state of the art Aeronautical Engineering Training Centre which offers workshops, a composites lab, ICT and a hangar.

There's just a bit of theory, which includes some physics and maths, relevant to an engineering context. You'll also look at topics such as how to use technical information like engineering drawings and skills for working effectively in an engineering post, such as good planning. We'll also spend a small amount of time developing your core skills for employment, such as working as part of a team.

You will: start by learning to produce components using hand fitting techniques; look at the process for producing mechanical assemblies; work with composites and learn to produce composite mouldings; develop skills in carrying out aircraft detail fitting activities; learn how to install different types of aircraft mechanical fasteners.

Start Date

January

Qualification

SVQ

Study Method

Full time

Award Title

at SCQF Level 5

Course Length

18 weeks

Department

STEM - Engineering and Science

Entry Requirements

3 subjects at National 4, preferably English, Maths and Physics, Practical Metalworking or Practical Woodworking, or relevant national qualification at SCQF Level 4. Entry subject to interview and aptitude test.

SCQF Level

5

Progression Routes

Moving onto a Modern Apprenticeship or a course at SCQF Level 6, such as NC Aeronautical Engineering, NC Electrical Engineering, NC Electrical and Electronic Engineering or NC Mechanical Engineering.

Address

Dam Park
Ayr
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Website

www1.ayrshire.ac.uk