

Mechatronics

Ayrshire College

Venues

Kilwinning Campus

Content

Learn about the design of products and manufacturing processes, and synchronising mechanical structures with electronic control. Gain in-demand skills and knowledge across key engineering areas, including:

Mechatronic Systems; Robotics and Animatronics; Electrical Engineering and Interfacing Electronics; Pneumatics and Hydraulics; CAD and Programming; Applications of PLCs (Programmable Logic Controllers).

You'll train practically, using advanced equipment such as collaborative robots, Siemens PLC systems, and SMC training rigs.

Start Date

August

Qualification

HNC

Study Method

Full time

Course Length

1 year

Department

Engineering

Entry Requirements

Higher Maths and Physics, or NC Electrical and Electronic Engineering (Level 6), or other relevant national qualifications at SCQF Level 6. Interview.

SCQF Level

7

SCQF Points

«SCQFPoints»

Progression Routes

Relevant degree course at university or Modern Apprenticeship.

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

Dam Park
Ayr
KA8 0EU

Website

www1.ayrshire.ac.uk