

Wind Turbine Systems (Level 6)

Ayrshire College

Venues

Ayr Campus

Content

Begin your journey into the future of renewable energy with our Wind Turbine Systems course. Discover the relevance of this course in today's world and the potential job opportunities.

This highly successful course will develop your skills, confidence and awareness of all the inter-related technologies in mechanical, electrical, fluid systems and, instrumentation and control to allow you to develop a career within the Windfarm/Turbine industry. The course also develops your practical engineering skills making you potentially work ready. The course also acts as the first year of a modern apprenticeship should you wish to pursue that route.

Content:

Four main wind turbine systems; Study components, functions and operations; Operation and maintenance of wind turbine systems; Carry out basic maintenance activities on electrical equipment systems; Develop practical skills in wiring and testing electrical equipment and circuits; Master Programmable Logic Controllers (PLCs); and Explore Health and Safety legislation as practised in the workplace.

Start Date

August

Qualification

Other

Study Method

Full time

Course Length

1 year

Department

Renewables

Entry Requirements

5 subjects at National 5 including English, Maths and Physics or a technological subject, and preferably Design and

Manufacture, or Electrical Engineering and Renewables (Pre-Apprenticeship) (Level 5); or other relevant national qualifications at SCQF Level 5. Entry subject to interview and aptitude test.

SCQF Level

6

SCQF Points

«SCQFPoints»

Progression Routes

Relevant HNC course or employment.

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

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Website

www1.ayrshire.ac.uk