# Electrical Engineering and Renewables (Pre-Apprenticeship) (Level 5)

Ayrshire College

## Venues

Ayr Campus

## Content

If you want to become an Electrician or get into an electrical engineering or wind turbine technician role and find yourself without the necessary qualifications for getting a foot on the ladder then this course is the one for you.

Content:

Electrical Wiring Skills; Electrical Principles; Fundamental Electrical Systems; Electrical Testing and Measurement; Rotating Electrical Machines; Safe Working Practices; Electricity in the Home; Fundamental Electronics; Domestic Wind Systems; Conventional Energy Generation and the Grid; Introduction to Energy Systems.

There are also units in developing core skills of literacy, maths and ICT, to prepare you for employment or progression to higher courses.

## Start Date

August

## Qualification

Other

## Study Method

Full time

## Course Length

1 year

## Department

Renewables

## Entry Requirements

National 4 English, Maths and a science or technological subject. Entry subject to interview and aptitude test.

## SCQF Level

5

## SCQF Points

«SCQFPoints»

## Progression Routes

Wind Turbine Systems (Level 6) or NC Electrical Engineering (Level 6)

## Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

## Address

Dam Park
Ayr
KA8 0EU

## Website

www1.ayrshire.ac.uk