

National 5 Skills for Work: Energy





Explore

To provide an opportunity for pupils to explore various energy industries

Develop

Develop practical skills by building a small scale solar hot water system and wind turbine

Develop employability skills and review strengths and weaknesses

Specialise

Opportunities to specialise on one specific subject area such as analysing carbon footprint or learning more about conventional energy generation systems in the UK

Course Outline

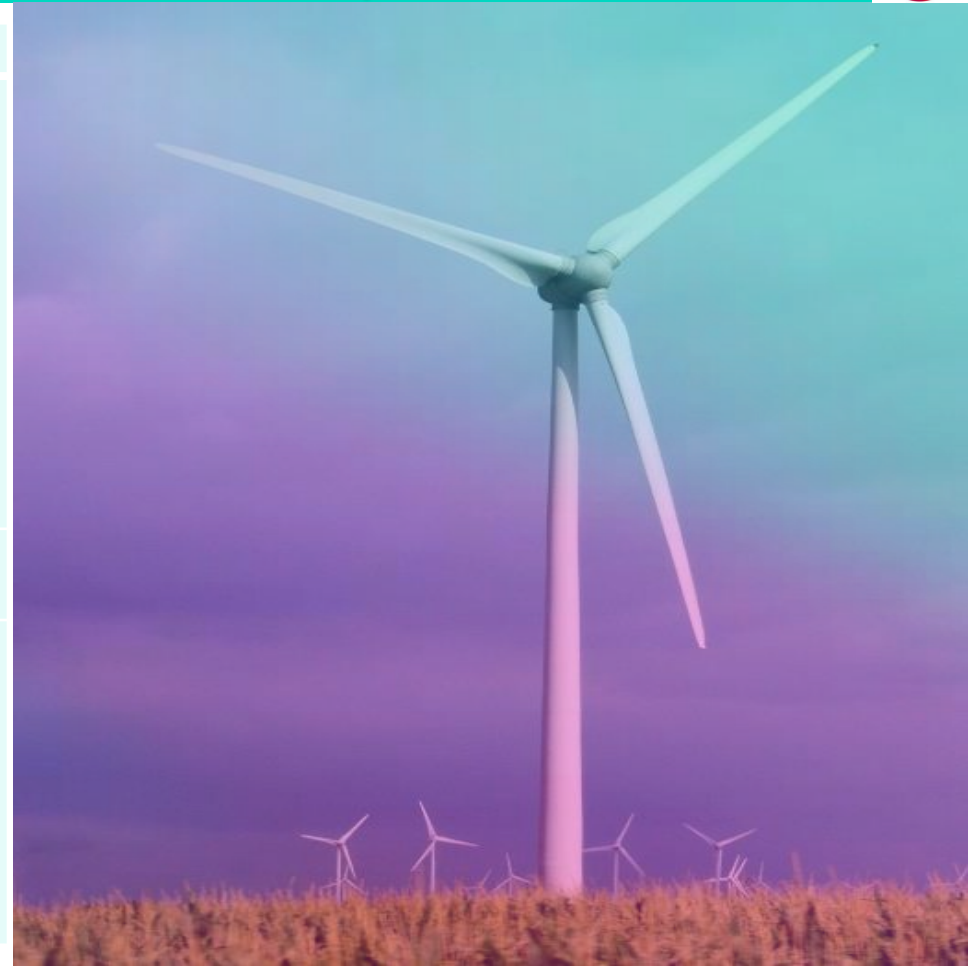


There are five units of work:

- Energy and introduction
- Domestic wind turbine systems
- Domestic solar hot water systems
- Employability and careers
- Energy and the individual

Learning is in real and simulated workplace settings and includes:

- Performing case studies
- Carrying out practical tasks and assignments
- Working to set deadlines
- Site visits



Why Study this Course?



This course is suitable for a wide range of learners including:



- Learners in employment who wish to enhance their career prospects



- Learners participating in 16+ programmes



- College students wishing to develop their skills and knowledge in relation to energy



- Trainees preparing to enter employment



- Individuals involved in voluntary activities

Assessment and Qualification



There is no external assessment for this course. Learners must successfully complete each unit to achieve the National 5 qualification.

Practical



Successful completion of hot water system and wind turbine.

Written



Successful completion of assignments following each unit of work.

Verbal



Question and answer sessions with teacher and presentations delivered to the class.

Each unit is supported by a National Assessment Resource item which provides an assessment package and exemplifies the national standard.



Successful learners may progress to:

- A National Progression award at college
- A National Certificate programme in further education
- Employment with training in the energy sector
- Vocational training

Further information on this course can be found using the following link:

<https://www.sqa.org.uk/sqa/69530.html>

