
Renewable energy T313

Presentation pattern *October to June*

Module description

What does a sustainable energy system look like? How might renewable energy provide a much greater proportion of our energy needs in the coming decades? Which technologies and designs for the various renewable energy sources will we rely on to help us decarbonise our energy systems and maintain a secure supply of affordable electricity and heat? In this course, students will systematically review the eight main renewable energy technologies, with study guides that will develop their ability to practically apply the knowledge - especially for solar thermal, solar photovoltaic and wind.

Person specification

The person specification for this module should be read in conjunction with the [generic person specification](#) for an associate lecturer at The Open University.

As well as meeting all the requirements set out in the generic person specification, you should have:

- a degree or equivalent in physical or environmental science, or engineering
- recent experience of teaching or working with energy and sustainable technologies
- an interest in, and commitment to, student-centred electronic tuition
- demonstrable expertise in supporting students with numeracy, including economic and technical calculations relevant to energy
- knowledge and understanding of the current debates in the energy field
- experience of supporting project work.

It would be an advantage to have:

- experience of *Energy for a sustainable future* (T206 / T213) or similar curriculum
- membership of a relevant professional body i.e. The Energy Institute.
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Module related details - a full explanation can be found on the website

Credits awarded to the student for the successful completion of a module:	30
Number of assignments submitted by the student:	2
Method of submission for assignments:	2
Level of ICT requirements:	2
Number of students likely to be in a standard group:	20
Salary band:	3
Estimated number of hours per teaching week:	3.5

There may be opportunities for ALs to undertake associated assessment work for which there will be additional payment and about which you will be contacted separately if applicable.