
Design for engineers T218

Presentation pattern *October to June*

Module description

People encounter designed products every day: chairs, buildings, medicines, appliances, clothes, vehicles, robots and much else – just look around you. Engineering design is central to the creation of all these products. Designers and engineers often work closely in teams to translate ideas into useful and required products. Knowledge of the design process is essential for successful engineering. Through study blocks covering the three phases of product design, combined with a mix of academic study and online practical work, this module will introduce students to the essential skills, knowledge and practices of design in engineering.

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:

- an honours degree on a subject relevant to design (such as engineering, product design, architecture or graphic design) or evidence of significant working experience on a subject relevant to engineering and design
- experience of teaching design in an engineering context
- the ability to use Information and communication technologies (such as social networking tools) for teaching
- the ability to help students develop design skills such as drawing, modelling, research and creative thinking skills
- the ability to help engineering students appreciate the processes of design and perspectives of designers, and the need to work reflectively as a designer or with designers on engineering projects.

It would be an advantage to have:

- experience of teaching engineering design at undergraduate level.

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:	3
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.