

Product Design

About the course

Both AS and A2 qualifications are linear. The students will sit all their exams and submit all non-exam assessment at the end of the course. Learning is assessed as detailed below:

AS

Paper 1: core technical principles and designing and making principles. Written exam - 2 hours, 80 marks. The exam questions will be a mixture of multiple choice, short answer and extended response

Non-exam assessment: practical application of technical principles, designing and making principles and specialist knowledge. Single design and make project - 35 hours, 80 marks.

Evidence: written or digital portfolio and photographic evidence of final prototype. Recommended 35 pages.

A2

Paper 1: core technical principles and core designing and making principles. Written exam - 2 hours, 100 marks.

Paper 2: specialist knowledge, technical and designing and making principles. Written exam - 2 hours, 100 marks. The questions will be a mixture of multiple choice, short answer and extended responses on the following areas:

Section A: Product Analysis - short answer questions on visual stimulus of products.

Section B: Commercial Manufacture - mixed questions, short & extended response.

Non-exam assessment: practical application of technical principles, designing and making principles and specialist knowledge. Substantial design and make task - 45 hours, 100 marks.

Evidence: written or digital portfolio and photographic evidence of final prototype.

N.B. The specification is not yet finalised and therefore may be subject to change.

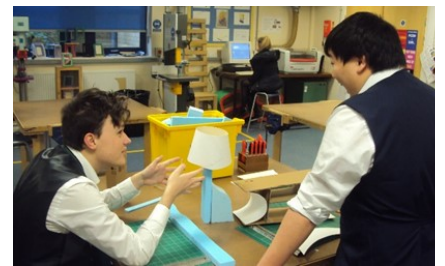
How it will be assessed

AS Level: written exam and design and make project - 50% each of final mark.

A Level: Design and make project 50% of final mark, written exams 25% each.

What it prepares you for

The Product Design qualification would be of benefit if you wish to pursue a career in Industrial Design, CAD/CAM, Art and Design, 3D and Product Design, Interior Design, Engineering Design, Architecture, Teacher of Design Technology and many others.



**Designing a product
on a piece of paper
then actually making
it work is a fulfilling
experience**
Matthew, Year 13

