



Course details

A-level Design and Technology: Product Design helps students take a broad view of design and technology, develop their capacity to design and make products and appreciate the complex relations between design, materials, manufacture and marketing. The course has 50 per cent coursework in order to recognise the importance of practical work within this subject.

Qualifications needed to start the course

In order to start this course you will need to gain a minimum of a 'B' grade (or equivalent) in a relevant GCSE or BTEC course (e.g. GCSE Product Design or Electronic Products).

Assessment

AS Level

Paper 1:

50% of AS.

Written exam: 1.5 hours.

80 marks

Based primarily on technical principles and designing and making principles. The exam will be a combination of short answer and extended response questions.

Non exam assessment: Design and Make Project

50% of AS

Coursework: approx. 50 hours

80 marks

Written or digital design portfolio and photographic evidence of final prototype. You will be assessed on practical application of technical principles, designing and making principles

A2 Level

Paper 1

30% of A Level
Written exam: 2.5 hours
120 marks

A mixture of short answers and extended responses based on technical principles.

Paper 2

20% of A Level
Written exam: 1.5 hours
80 marks

Section A
Product analysis: 30 marks.

Up to 6 short answer questions based on visual stimulus of product(s)

Section B
Commercial manufacture: 50 marks

A mixture of short and extended response questions.

Non exam assessment: Substantial Design and Make Project

50% of A Level
Coursework—approx. 60 hours
100 marks

Written or digital design portfolio and photographic evidence of final prototype. You will be assessed on practical application of technical principles, designing and making principles.

