
Design and Technology: Product Design

Examination Board: Eduqas

Qualification: A level

Teacher Contact: Miss Sackett and Miss Fielding

Entry Requirements: Students must have at least a grade 5 at GCSE Product Design or equivalent.

What will I study, and how will I be assessed?

Component 1:

Design and Technology in the 21st century

Written examination: 3 hours, 50% of qualification. Learners take a single examination in product design.

The examination includes a mix of structured and extended writing questions assessing learners' knowledge and understanding of:

- technical principles
- designing and making principles along with their ability to analyse and evaluate design decisions and wider issues in design and technology.

Component 2:

Design and make project

Non-exam assessment: 80 hours 50% of qualification.

A sustained design and make project, based on a brief developed by the student, assessing the student's ability to identify, investigate and outline design possibilities. Design and make prototypes. Analyse and evaluate design decisions and wider issues in design and technology. The design and make project will be based within the same endorsed area as the written examination.

Eduqas encourage the use of e-portfolios as a way of saving space, materials and encouraging multi-media documentation. All students will learn a variety of CAD techniques to present their designs in the best possible format.

Am I suited to this course?

A level Product Design is an interesting, dynamic course that allows you to choose your own path of study. The course builds upon your experience of GCSE and allows you to further your studies by experiencing Product Design from a more mature perspective, much as you would if you chose to study the subject at degree level.

Undertaking A level Product Design is a commitment from students to meet all deadlines. To this end, students will be expected to do a significant amount of coursework outside of lessons.

In addition to working outside of lessons, students will need to be well organised and plan their time effectively, ensuring that workshop time is factored into their schedule.

What other subjects does it complement?

Other subjects which complement Product Design are Mathematics, Physics and Art.

Where can it lead?

With a qualification in Design and Technology, you could go on to further and higher education and eventually work in the engineering, manufacturing or design industries.