Why study Product Design?

Three Dimensional Design

The specification has been designed to encourage you to take a broad view of Design and Technology, to develop your capacity to design and make products and to appreciate the complex relations between design, materials, manufacture and marketing.

The specification provides you with the opportunity to design and make a product (or, in the case of AS, a number of smaller products) in both years of the course. It is helpful to have studied GCSE Design and Technology before commencing work on this specification.

You will have access to the most up-to-date technology during lessons to manufacture high quality products. These include: two laser machines, three rapid prototyping machines, a plastic recycling machine, a dedicated ICT suite, industry standard software and three specialist workshops.

What will this involve?

Three Dimensional Design is a two-year course which involves the completion of 3 units of work.

AS Outline

This unit will continue to develop students' graphical skills, presentation techniques and practical skills that they looked at during Year 11, in Product Design and/or Engineering.

Students will produce a practical project and portfolio which will communicate the broad range of skills they have developed during this time.

Unit 1 - Personal Creative Enquiry. 40% of the whole A Level qualification.

A2 Outline

At A2, the specification offers you the opportunity to further develop the knowledge and practical skills from AS. You will continue to develop a body of coursework alongside and understanding of the processes and procedures of commercial production and manufacture.

Where do I go from here?

Having completed the second year of this course you could follow any of the following Further Education courses:

Design and Technology Secondary Education BSc (Hons) with qualified Teacher Status.

Design and Technology Product Design BSc (Hons)

Art and Design Foundation Level 3 Diploma

Engineering - Mechanical, Product and Electronic.