St Benedict's Sixth Form

A Level Design Technology - Product Design

Course Description

A Level Design Technology - Product Design is a two-year course covering the AQA specification's 7752. This qualification is linear; in that students will sit all their exams and submit all their non-exam assessment at the end of the course.

This creative and thought-provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers. Especially those in the creative industries.

It is a challenging hands on subject. Students will investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning in to practice by producing prototypes of their choice.

Skills Attained

The content has been divided into two sections: Technical Principles and Designing and Making. You will need to be adaptable and versatile developing knowledge and understanding of the physical and mechanical properties of a broad range of materials and components and methods by which materials and components can be manipulated to manufacture products. Including opportunities to learn about the use of computer aided design (CAD) and computer aided manufacture (CAM), and the use of basic quality control measures.

In addition to this, through study and detailed analysis of a wide range of products, you will begin to develop knowledge and understanding of the broader issues for the designer such as: environmental sustainability of products and their manufacture, ergonomic and anthropometrics, inclusive design, and consumer safety.

Assessment

A2 Paper 1: 2.5 hours, 120 marks 30% of A-Level. Technical principles
A2 Paper 2: 1.5 hours, 80 marks, 20% of A-Level. Designing and Making principles
Non-Exam—Substantial design and make project. 100 marks 50% of A-Level

Progression

This type of course would particularly suit candidates wishing to pursue a career in Design, Architecture, Engineering sectors, Theatre and Education. There are a range of design university courses once you achieve an A Level in Product Design ranging from; Digital and Interaction Design, Fashion and Textiles, Engineering, Communication Design, Product Design and industrial to name a few. There is also the option of going straight into industry and gaining an apprenticeships in this.



Entry Requirements

Grade 5 in GCSE Technology
Grade 4 in GCSE Mathematics

Exam Board: AQA

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