

# Advanced Level AS/A2 Design & Technology (Graphics with Materials Technology)



## Edexcel Advanced Subsidiary GCE in Design and Technology: Product Design

### Entry Requirements

Students should have achieved a minimum of 5 GCSEs (Please note that subjects can only be counted once); national data shows that this course is not suitable for students with an average GCSE points score of less than 40.4. Experience shows that successful students in this subject have previously acquired at least a grade B in a 'Design' based subject at GCSE level. Good passes in Art and/or ICT related subjects would be an additional benefit.

### Course description

Graphic products encompasses a wide range of design disciplines but is rooted in the skills required to design and make high-quality products. This qualification emphasises two key factors: creativity and sustainability. All modern designers have to consider sustainability issues when designing new products. Good design is vital to our world and economy.

### Learning Style

Through your portfolio, you have the opportunity to develop and demonstrate your creative, technical and practical skills through a series of product investigation, design and manufacturing activities. You will develop your knowledge and understanding of materials and processes, industrial and commercial practices, the importance of quality checks as well as health and safety issues through product investigations and research tasks. Your understanding of these issues will be examined via formal external examinations.

### Assessment

#### AS Design & Technology

Unit 1: Portfolio of Creative Skills (Internal assessment) 60% of AS award or (30% of full A2).

Unit 2: Design and Technology in Practice (External assessment) 40% of AS award or (20% of full A2).

#### A2 Design & Technology

Unit 3: Designing for the Future (External assessment) 20% of full A2 award.

Unit 4: Commercial Design (Internal assessment) 30% of full A2 award.

### Career Opportunities and Pathways

Students, male and female would find this course interesting, challenging and rewarding. Successful completion of the course could lead to careers in design related professions, such as Graphic Design, Engineering, Architecture, Product Design, Environmental Development, Teaching etc.

In addition, this course enables students to develop skills through their project work, which are valuable by employers in a much broader field of employment.

### Subject Staff contacts for further information

Mr C Firth - Head of Technology - Kingsmead

Miss S Larkham - Head of Technology - Blake

Mr S Ball - Head of Technology - Norton