Southend High School for Girls
Sixth FORM

Course outline

Head of Department:
Mrs C Ladner

Minimum entry requirements:
Grade 6 in a GCSE Technology subject, Art, Computer Science or Media Studies

Design Technology

Product Design or
Fashion & Textiles

What will you learn?

Students will complete a design and manufacture task in their preferred media (textile, resistant material or graphic media) and, through this, learn about advanced design and innovation skills and the significance of design process. Students will enhance their understanding of material properties and manufacturing techniques and will gain insight into real-world design for problem solving. The ethics of design and sustainability issues around manufacturing and consumerism are essential components of the course, helping to develop insightful and analytical students.

In Year 12, students will undertake a carousel of different techniques and work with a variety of materials in order to support their choice of a design brief. They will research and develop this brief, whilst studying design process, human interaction with design and safety/legislation around designing.

In Year 13, students design, plan and realise their projects. Whilst doing so, they will learn about modern and smart materials, design movements and achieve a greater insight into materials and processes.

How will you be assessed during the course?

There is a 2 hour examination in June; this paper is made up of ten questions which will assess the candidates' knowledge and understanding drawn from; Product Analysis, Human Responsibility, Public Interaction, Materials and Components, Industrial and Commercial Practice, Processes, Production Systems and Control. Students can opt to sit the Product Design paper or equivalent Fashion and Textiles version. 50% of the final A Level grade is taken from the NEA (a design and make task). This is assessed in five different areas, including developing ideas and manufacturing a prototype.

Where will this course lead?

Students wishing to continue with Design can apply for Foundation Courses in Fine Art or Design or can apply, through UCAS, to subject related undergraduate courses, including Product Design, Engineering (all specialisms), International Marketing, Fashion Design, Fashion Journalism, Textile Design, Graphic Design, Visual Communication, Interior Design and many more.

Further information

Students will have full access (both during lessons and free periods) to a highly equipped workshop with laser cutter, 3D printer and a full suite of power tools as well as a specialist textile studio, design studio and designated Sixth Form practical study studio. Subject teachers are committed to ensuring excellence in their student attainment and, as such, are routinely available in their designated practical space throughout the working day to facilitate progress.

Staff facilitate students in entering a range of different prestigious national and international competitions open to students at KS5 including F1 in Schools and Wool4Schools.

Eduqas

https://www.eduqas.co.uk/qualifications/design-and-technology-as-and-a-level/#tab_keydocuments