



DESIGN TECHNOLOGY – PRODUCT DESIGN



DETAILS OF COURSE:

The aims of both the AS and A level courses are:

1. To encourage students to engage the design process and to identify and then meet the needs of the design industry.
2. To encourage students to exercise initiative and imagination in the pursuit of design.
3. To encourage students to develop an awareness of the design world and how, therefore, to influence it.
4. To develop a range of communication skills in their design and making.

AS:

Students may study AS levels for one year and would be required to produce one project (60%) and sit one 1½ hour examination (40%).

Project work (60%) requires the student to complete 3 units of work. The first is to investigate an existing product followed by the design and development task and then finally make a prototype model.

This work will involve generating possible solutions, develop a chosen idea and then to realise the solution which is then tested and evaluated.

A2:

Students who go on to complete the full A level will carry forward the AS mark to contribute to their overall A level mark.

Students studying the A2 course will be required to complete a second project of commercial design and manufacture (60%) and one further theory paper (40%).

QUALITIES AND COMMITMENT EXPECTED FROM THE STUDENT:

These courses have something to offer all students. Timetabled sessions will be divided between the pursuit of project work, the development of skills and the learning of associated theoretical knowledge. Candidates must be motivated and organised in order that they, under the guidance of the tutor, complete the project within the specified time.

THE FUTURE:

These examinations are not only a recognised qualification for entry to institutes of higher education, but also permit the successful student to pursue a wide range of design based careers from product design, technical illustration, architecture and advertising to civil engineering graphic design, set design, marketing and promotion. The possibilities are exciting, influential and diverse.

Please see any member of the Design & Technology Department for further information.