

Product Design

Examination Board: AQA

Entry Requirements:

Minimum of Grade C in Resistant Materials at GCSE level and an interest in Design and Engineering. Other students who did not study GCSE Resistant Materials will need a minimum of a Grade 4 in Maths and English at GCSE Level, as well as a Grade C in a creative subject such as Art, Media or ICT.

Course Content

The AS Units

There are two areas of study which must be completed for AS:

PROD 1 – Materials, Components and Application (50% of AS, 25% of A2)

For this unit you are required to learn about a wide range of commonly used materials and manufacturing process as well as the effects that a wide range of influences can have on design and designers. At the end of this unit you will be required to sit one examination.

PROD 2 – Learning through Design and Making (50% of AS, 25% of A2)

For this unit you are required to further develop your skills by reacting to a problem and producing a design portfolio as well as a realised product.

The A2 Units

There are two areas of study which must be completed for A2:

PROD 3 – Materials, Components and Application (25% of A2)

For this unit you are required to further develop your knowledge learned during PROD 1, including a wide range of commonly used materials and manufacturing process in addition to the effects that a wide range of influences can have on design and designers. At the end of this unit you will be required to sit one examination which consists of a number of short essays.

PROD 4 – Learning through Design and Making (25% of A2)

For this unit you are required to further develop your skills developed during PROD 2 by reacting to a problem and producing a design portfolio as well as a realised product.

Further Course Information:

See Mr S Prudden