



Design and Technology

The AS and A2 Level Course. AQA 5551; 6551.

TECHNOLOGY: 'PRODUCT DESIGN'.

The Next Step?

Architectural Studies	Mechanical Engineering
Industrial Management	Marine Engineering
Metallurgy	Product Design
Agricultural Engineering	Engineering Design
Production Engineering	Aero Industries
Material Science	H.M. Forces.. etc.

Requirements:

Mathematics and any of the GCSE D&T subjects would be an advantage.

Year 1 AS

Terms 1 & 2

Units 1 and 3 theory

Unit 2 practical, coursework tasks (50hrs) 40% (A2 20%)

Term 3

Unit 1 Materials & Components.

Revision & examination 1 1/2 hrs 30% (A2 15%)

Unit 3 Design and Market Influences

Revision + Theme and exam 2 hrs 30% (A2 15%)

Year 2 A2

Term 1 & 2

Unit 4 Product Study 25 hrs. 15%

Unit 5 A single, integrated

Coursework project 50 hrs. 15%

Term 3

Unit 6 Theory (Synoptic) and examination 3 hrs 20%

Total 100%

the aims of the specification are to encourage candidates to:

- develop and sustain their own innovation, creativity and Design and Technology capability
- develop a critical understanding of the processes and products of design and technology from a historical perspective and in current practice;
- apply essential knowledge, understanding and skills of design production processes to a range of technological activities;
- use Information and Communications Technology (ICT) to enhance design and technology capability;
- develop an understanding of the social, moral spiritual and cultural values inherent in design and technological activity.
- develop as discerning consumers able to make informed choices;
- develop positive attitudes of co-operation and citizenship and work collaboratively.

The subject divides the full A Level into two equal parts each with its own examinations in theory and practicals (ie term 2). It puts emphasis on contemporary theory learned, as far as time allows, in a practical way, and it also allows a degree of choice, group size permitting, in a number of Options.

Students considering taking AS or the full Advanced Level may wish to discuss details with department staff.