



DESIGN TECHNOLOGY

Edexcel — course code 9DTO

COURSE OVERVIEW

This is a 3D Product Design course aimed at students with GCSE Design Technology experience. Students should be enthusiastic and willing to develop knowledge and skills in a variety of activities and have the energy and commitment to complete controlled conditions coursework to a high standard throughout the year.

Who are we looking for? Students who are most suited to the course are those who can demonstrate they are capable of developing coherent portfolios of design work and have made well assembled and finished 3D products of quality.



HOW WILL I BE ASSESSED?

Continual assessment of controlled coursework forms the basis of 50% of the available marks and is usually in the form of 3 design and make projects in Year 12. A project portfolio of the work is then submitted for assessment in Year 13. A terminal exam is sat in June also worth 50% of the marks and makes up the rest of the assessment aims.

Edexcel	Exam	NEA
Length	2 hr 30 min	Continuous
Weighting	50%	50%

ENTRY REQUIREMENTS

Grade 6 GCSE in Design Technology



WHY STUDY THIS SUBJECT?

Progression after A Level

Progression onto further study whether in design, engineering or architectural courses is a popular choice with many students. Students are frequently requested to take portfolio evidence to interview whether they are applying for university, employment or modern apprenticeship. D&T 'A' Level is accepted by all Universities as a full academic qualification.

CAREERS ADVICE

A career in Technology and Design often involves developing creative, solutions to existing problems. This may mean anything from designing buildings via Architecture and creating indoor living spaces to new opportunities emerging in the field of renewable energy systems. As technology advances, the range of careers in design and technology will also expand. Choosing a career in the Technology and Design sector is appealing for many as it allows individuals to find a rewarding career with room for creativity and innovation.

Here are just a few jobs that make use of skills found in design and technology.

• Product Designer	• Design Engineer	• Aeronautical engineer
• Civil Engineer	• CAD engineer	• Surveyor
• Mechanical Engineer	• Electrical Engineer	• Architect
• Robotics Engineer	• Steel Fabricator	• Electrician

My first experience of using CAD was in Technology and Design and now I use it every single day in my work.'

— Adam O'Rourke - CAD Engineer

'My role is constantly evolving, it is never stagnant, and you never sit doing the same thing day in and day out.'

— Dominic Devlin - Design Engineer

Further Information: Please see Mr McLoughlin, Head of Design Technology