3D Design

Why study 3D Design?
Design is everywhere; physical spaces, virtual spaces, illustrations, graphics and photographs all influence our daily decisions. The 3D Design course recognises the diversity of creative industry and will allow you to develop strong creative skills while exploring your own desired disciplines. Studying 3D design is challenging but rewarding, equipping you with an ideal combination of both practical and theoretical skills.

What skills will I gain from studying 3D Design?
You will develop proficient skills in specialised design programs. You will be able to understand and use a wide range of manufacturing and production processes. Progress your design thinking framework to solve complex problems and you will develop your skills set to generate original ideas, alternatives, or possibilities that will solve problems. Your communication will develop as will your ability to effectively convey information through your designs.

Having studied 3D Design what opportunities will be open to me?
The 3D Design course will give you a choice of opportunities once you have completed the course:

- Employment, where you can put your new practical skills towards generating an income.

- Apprenticeships and/or further education are looking for skills you will have gained in 3D design.

- Higher education, such as a degree course at university in Product Design, Interior Design, Architecture, Engineering.

Entry requirements
5 GCSEs at grade 4 or above plus an aptitude for creative thinking, designing and making. A GCSE in Art or a Technology subject is helpful but not essential.

Type of Qualification - Cambridge Technical Introductory Diploma

Exam Board – OCR   **Specification code/no.** - 05367-05378

Topics covered in Year 12 and topics covered in Year 13
You must take six units in all (three in Year 12 and three in Year 13):
Unit 1: Art and design in context
Unit 2: Carving, constructing and modelling 3D artwork
Unit 3: Creating 3D art or design work
Unit 4: 3D product design
Unit 5: Realising an outcome for a specialist art or design brief
Unit 6: Spatial design