



Product Design

National Diploma in 3D Design and Craft

What is this course ?

This Diploma has been created with universities and employers to provide an exciting and practical focused course which is made up of **8 mandatory units** and **1 optional unit** which are completed over the two year course.

Mandatory content (92%)

BTEC learning encourages learners to apply their learning in realistic contexts using scenarios and realistic activities that will permit learners to draw on and apply their learning.

It is equivalent in size to two A Levels and can be studied alongside other A level or level 3 courses. If studied with maths and EPQ it qualifies as Tech Bacc.

Students will have the opportunity to develop an exciting, in depth and very personalised portfolio of work by designing, researching design history and creating practical outcomes including prototypes, product design items , furniture, architectural models and interior design items.

It will allow learners to explore materials, techniques and process in depth and to refine their technical skills through units such as Unit 37:3D Model making and Unit 34: Working to Scale. The optional unit choice includes Graphics, Photographic design and Interactive design.

How is the course assessed?:

Units are externally and internally assessed

External assessment 33% = 2 Units set by the exam board

External assessment include preparation time using set information for students to prepare for the assessment.

Learners must achieve all external units at pass grade or above. Learners are permitted to resit any external assessment once during their programme.

Internal assessment is assessed in the following ways:

- demonstrate practical and technical skills using appropriate materials, technique and processes
- complete realistic tasks to meet specific briefs or particular purposes
- write up the findings of their own research
- use case studies to explore complex or unfamiliar situations
- carry out projects for which they have choice over the direction and outcomes

What does this course lead to?

Students can progress to degree courses such as :

BA(Hons) Product Design, BSc(Hons) Furniture Design BSc(Hons) Industrial Product Design
BA(Hons) 3D Designer Maker BA(Hons) Interior Architecture.

This course also prepares students for employment such as: Model Maker, Patternmaker, CAD Technician, CAD Designer, Woodworker, Exhibition Designer.

Hannah Courtney

Teacher of Product Design