



## Manyleb

1. Gweithio gyda defnyddiau gwrthiannol a modelu.
2. Datblygu, Cynllunio, Cyfathrebu a phrofi Syniadau Dylunio mewn amrywiaeth o gyfryngau gan fodlu mewn 3D.
3. Gweithio gydag offer, defnyddiau a chydannau i gynhyrchu cynnyrch o safon
4. Edrych ar waith Dylunwyr Cyfoes a gwerthuso cynnyrch parod.
5. Gwybodaeth a Dealltwriaeth o bwrpas modelu a phrototeipiau, defnyddiau a chydannau yn ogystal â dulliau pacedu.

### Gwaith:

Nifer o dasgau ffocws/prosiectau byr i ddatblygu sgiliau, deallusrwydd a thechnegau perthnasol gan gynnwys modelu 3D a CAD/CAM.

### Gwaith Cwrs

- Un dasg dylunio a gwneud.
- Cynhyrchu gwaith ymchwil a syniadau mewn llyfr bras a thrwy fodlu.
- Datblygu'r syniad terfynol yn ffurfiol ar dudalennau A3. Y bwrdd arholi yn gosod y cyd-destun gyda'r dysgwr yn dewis y Briff Dylunio
- Gweithio mewn 3D mewn defnyddiau gwrthiannol a modelu amrywiol.

### Papur Arholiad

Pawb i sefyll un papur 2 awr

### Dull Asesu

Gwaith Cwrs - **50%**

Papur Arholiad - **50%**

## Syllabus

1. Working in resistant and modelling materials.
2. Developing, Planning, Communicating and testing ideas in different media including 3D models.
3. Working with tools, equipment, materials and components to produce quality products
4. Evaluate existing products and the influences of Contemporary Designers
5. Knowledge and Understanding of modelling and resistant materials, components and packaging.

### Work:

Focus tasks/short projects to develop skills, understanding and appropriate techniques which include 3D modelling and CAD/CAM.

### Course Work

- One design and make task.
- All research work and initial ideas to be developed in a sketch book and through modelling.
- The final design is developed in detail on A3 The examination board to set the context with the learner choosing his/her own brief.
- Work in various resistant and modelling materials.

### Exam Paper

All candidates to sit a 2 hour paper

### Assessment Method

Coursework - **50%**

Examination Paper - **50%**