



## Year 12 ENGINEERING Transition Tasks

Y 11 into Y12 you will need to read the following to familiarise themselves with the Maths / Science element and the CAD part of the course:-

### **Level 3 Engineering Specification**

Read the following parts of the specification

- ⇒ Unit 1 Engineering Principles (Maths/Physics)
- ⇒ Unit 10 - Computer Aided Design in Engineering

One Drive link to the specification

 [L3 Engineering Specification](#)

### **Unit 1 - Engineering Principles (Maths/Physics)**

The following websites are a good start for them to use for the maths unit.

<https://corbettmaths.com/>

<https://www.youtube.com/user/corbettmaths/videos>

### **UNIT 10 - Computer Aided Design in Engineering**

Students will need to set up a CAD link for AutoCad Fusion 360 and download and install the software from the following link.

<https://www.autodesk.co.uk/products/fusion-360/students-teachers-educators>

Once this is completed start to work through the self teach tutorials.

There are many on YouTube

Self teach YouTube link - Learn fusion in 30 days link

<https://www.youtube.com/watch?v=sZwM87-nsYA&list=PLrZ2zKOTc-DR2ZkMaK3YthYLErPxCnT-&index=1>