



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.stem.org.uk/resources/community/collection/449481/fusion-360-tutorials>