

Design Engineering and Product Design summer task 2018

Task 1

- Create an Autodesk educational account:
- <https://www.autodesk.com/products/fusion-360>
- make sure you use an education student license, this is free for three 3 years.
- Install Fusion 360.
- Enrol and complete the following course
- <https://academy.autodesk.com/course/129267/introduction-cad-learn-fusion-360-90-minutes>

As evidence of the course print the rendered images, and the detailed design drawings.

Your work should be presented in an A4 folder.

Extension

Using the skills you have learnt in this tutorial design your own lamp. Print the rendered images and design drawings.

Task 2

Enrol and complete the following course

<https://academy.autodesk.com/course/122979/principles-design-thinking>

This is an excellent course which focuses on developing your approach to designing and problem solving.

Task 3

Developing your sketching is an area we will looking at. To get you started look at Spencer Nugent sketch-a-day on You tube. You will need paper and drawing equipment.

Here is a link to the basics section

<https://www.youtube.com/playlist?list=PLjZ8ePITBc0KXHkDGMOHhumpTqPv3TA8r>

At first you may struggle with this but persevere you will soon improve. Bring your best work in your folder.

The best way to develop your drawing is to Practice, practice, practice.