

3D Printer Assignment for IEGR363L

(Supplemental Instructions)

Engineering symbols used for this lab are listed on the webpage. Pick any symbol you like. Turn it into a .stl file and save it as a .jpg file format.

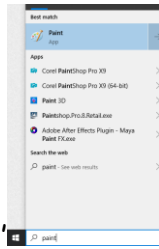
Constraints:

Must have at least two layers

Must include students' initials in capitals in Serif font

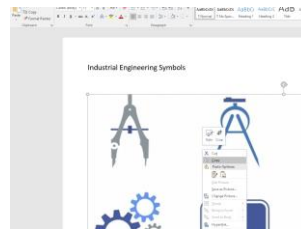
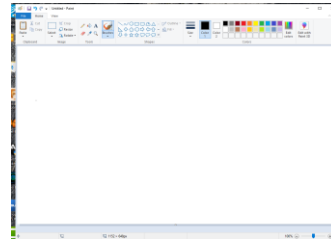
The design must be in relief*

To turn your symbol into .jpg file format:

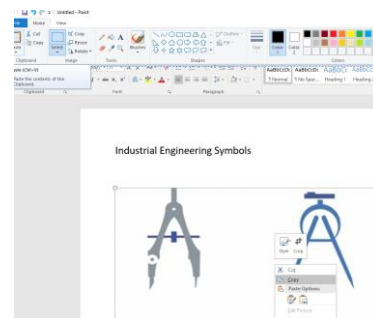


Open 'paint'

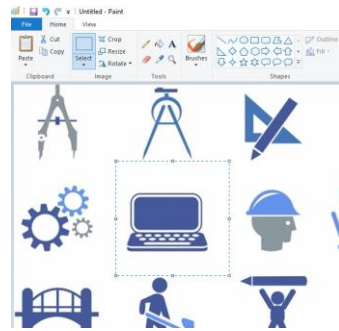
This windows open



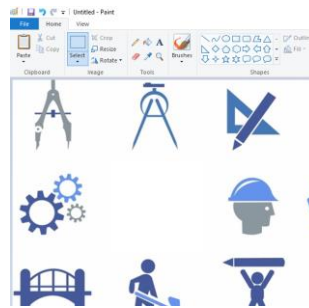
Open the symbols file in 'word'



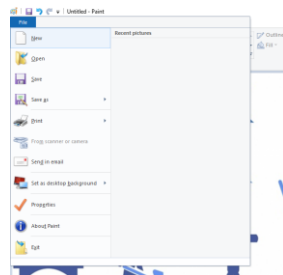
Copy the picture with your symbol



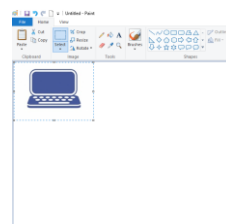
Paste it in 'paint'



'select' or 'crop' out your symbol



Open a Window



And paste your symbol

Save it as a .jpg file.

Now

To transform the 2D image into a 3D model (.stl) use the following free software:

<https://www.selva3d.com/>

It will allow you to take any picture and render it as a .stl file.