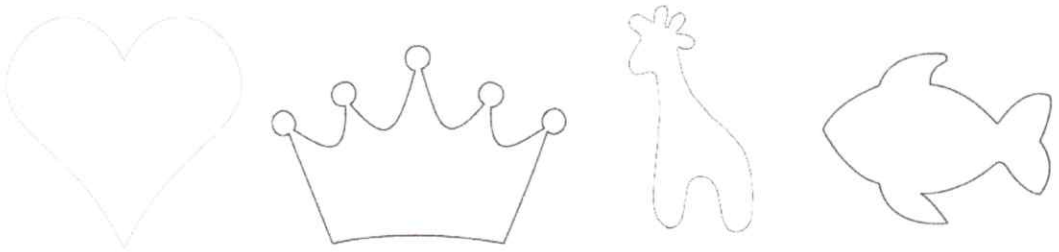
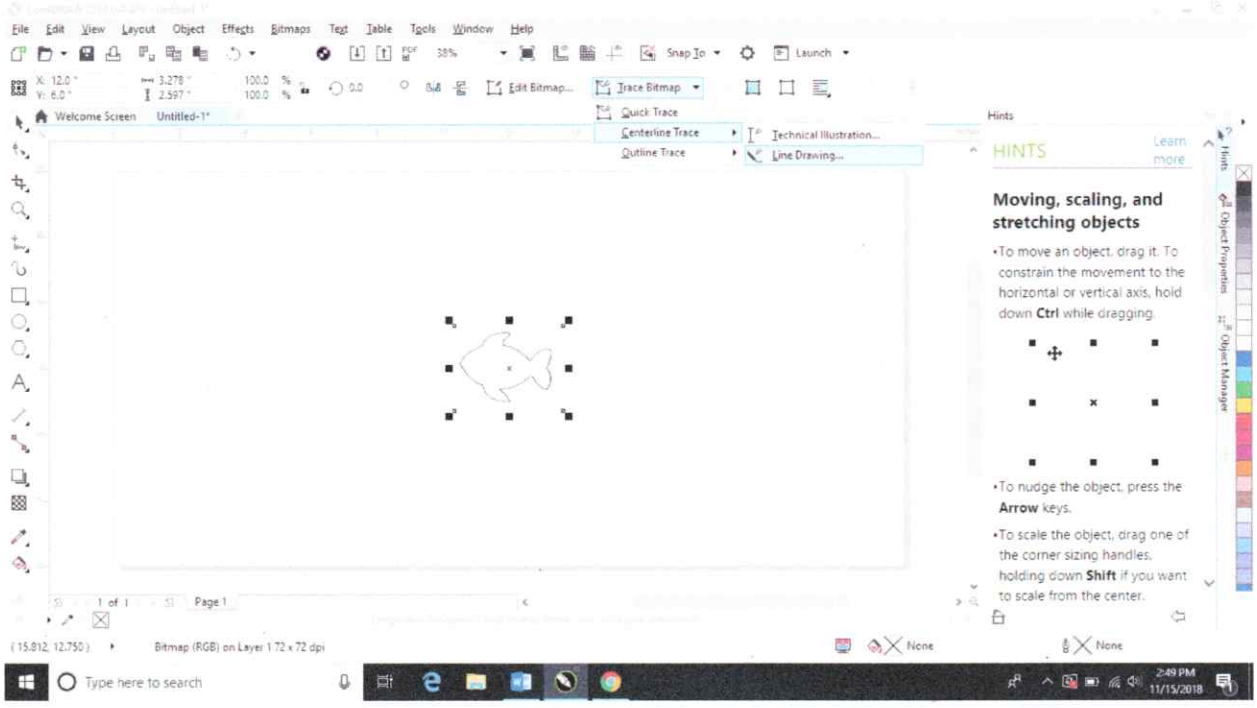
Making a Blank for Molding

1. Open Corel Draw. If asked to enter registration information, press "SKIP" in the lower left hand corner of that pop up. When prompted to create a new document, change the size to Width 24" and Length 12", then click OK.
2. A new document window will appear.
3. Open Google and do an image search to look for a simple outline or silhouette shape that represents you. This object should be simple with no inner lines or design

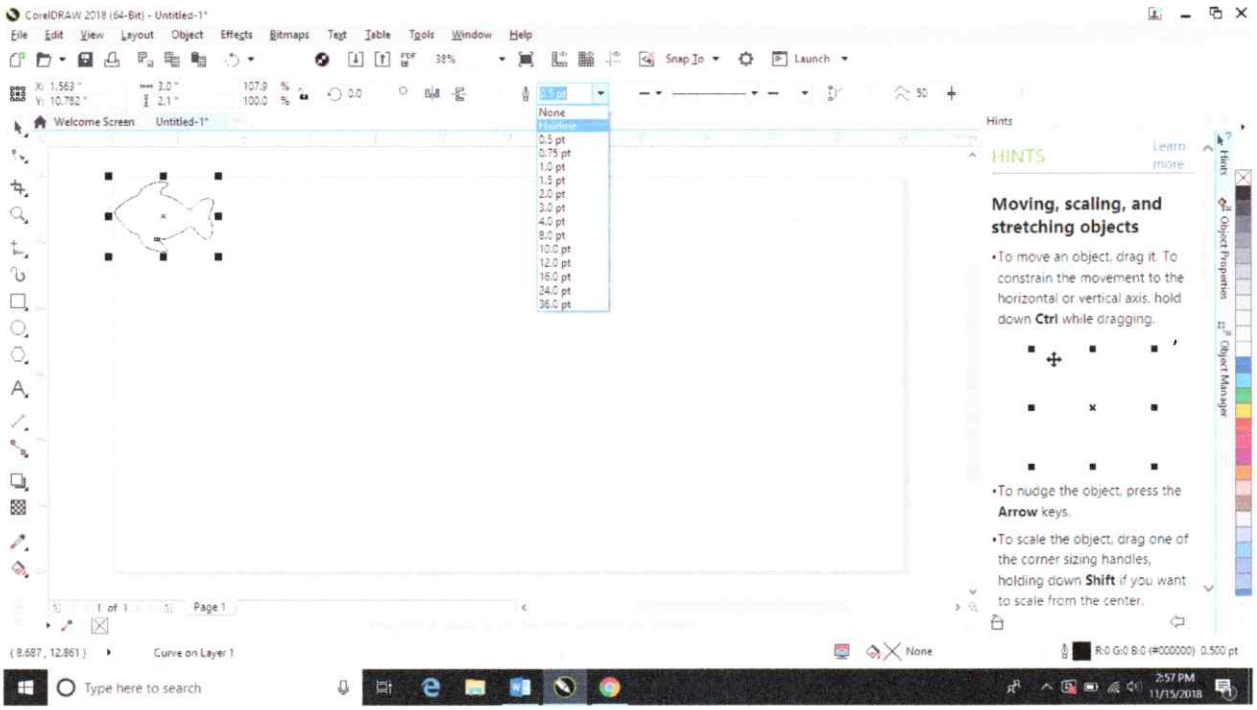
   Examples:



4. Copy the image and paste on the document in Corel Draw.
5. At the top of the screen, you will see an option to "trace bitmap" click on that then go to "centerline trace", then to "Line Drawing"



6. This will open a new screen where your original image will be on the top (or left) of the new bitmap image. If the lines on the new image look good, do not change anything. If not, try changing it to a technical drawing via the drop down box on the right side of the page. Make sure that "delete original image" and "remove background" are checked. Then click "ok"
7. Move your image to the top left of the document, close to the edges. Resize using the Object Size option on the upper left side of the screen. Set one of them to be 3". If the image still has a size longer than 3", resize the other number to 3". This option will keep the size ratio of your object.
8. At the top of the screen change the pen setting to be a "Hairline".



9. Copy and paste your object 3 times. Move them to be side by side.
10. Save the image as your name to one of the USB drives and take to one of the two computers next to the laser cutters.
11. Open your image there in Corel Draw.
12. Go to the Print option. Set the printer as being "Left" or "Right" Epilog, depending on which machine you are at.
13. Go to preferences and make sure the size setting is 24" wide, 12" high.
14. Click on Auto Focus on the left side of the screen. This will tell the laser that it will focus itself before cutting to determine the depth of the acrylic.

15. Setting the speed and power of the laser cutter is next. You will only be setting the vector, not raster. For today's project we will be cutting 1/8" acrylic, so the speed will be 12, and power up to 100.
16. Once the settings are done, click "OK"
17. Click print, just like a regular printer. This will send your job to the laser cutter. On the laser cutter, when you see your name pop up on the screen, press the green "Go" button. Your project will begin cutting.
18. Once the laser cutter beeps, it is complete and you can remove the cut acrylic.