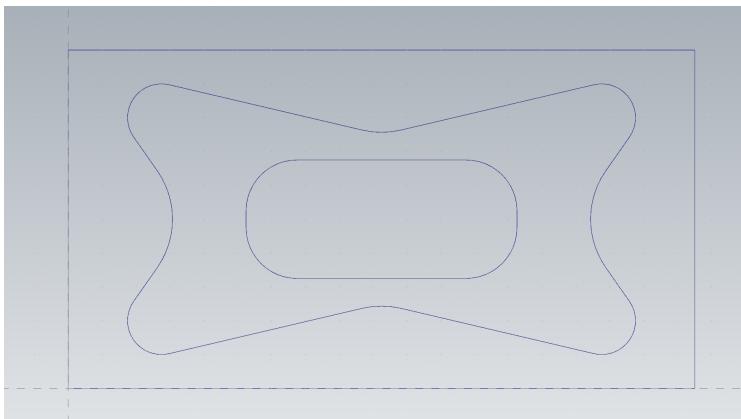
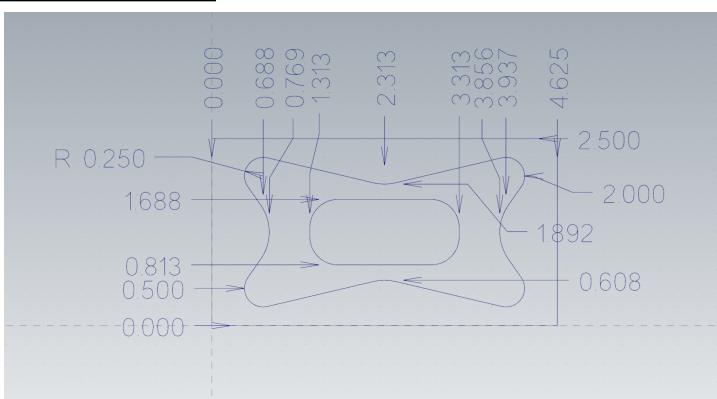


CCET 3680
Mill Lesson 13 First Exercise

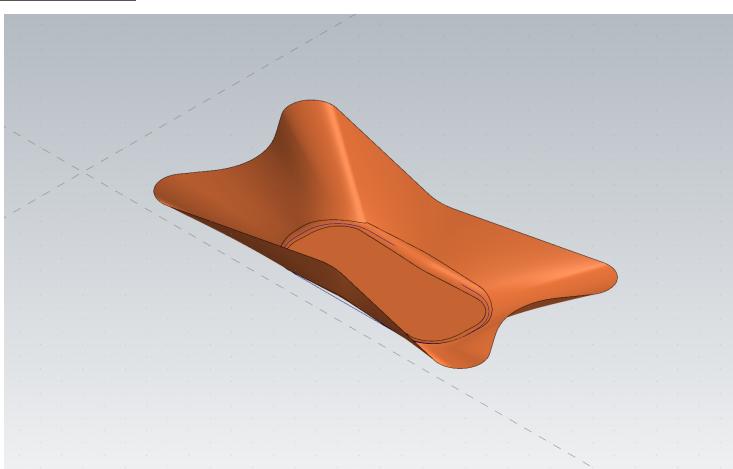
I. Wireframe:



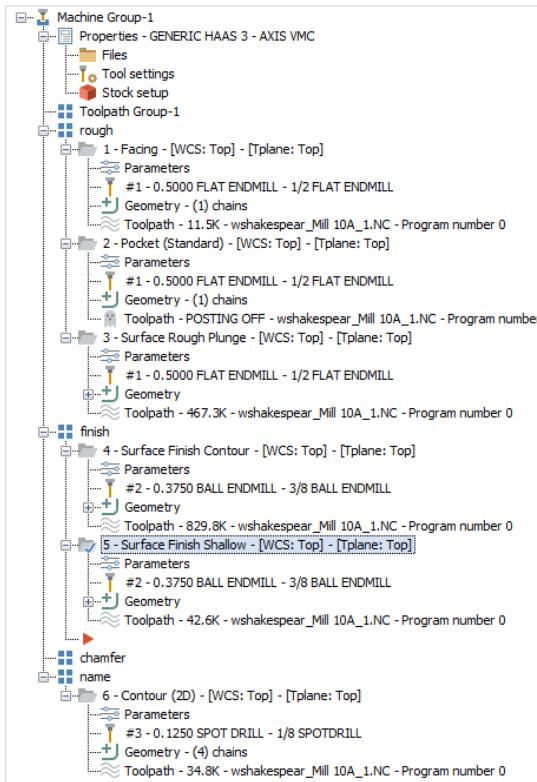
II. Dimensions:



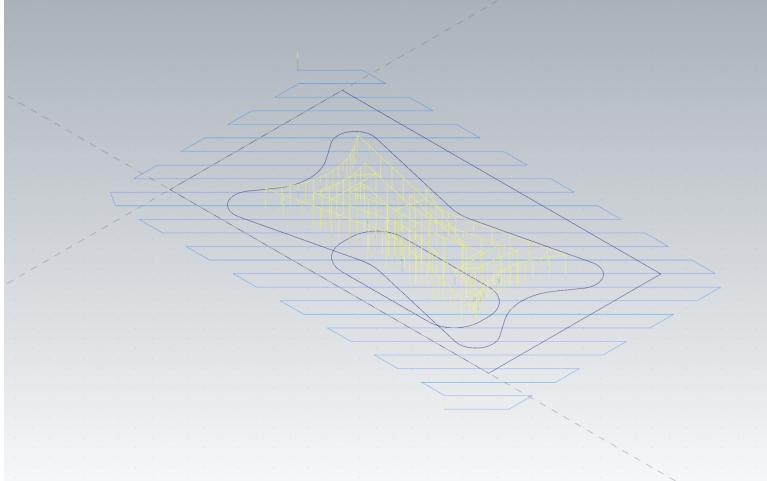
III. Solid:

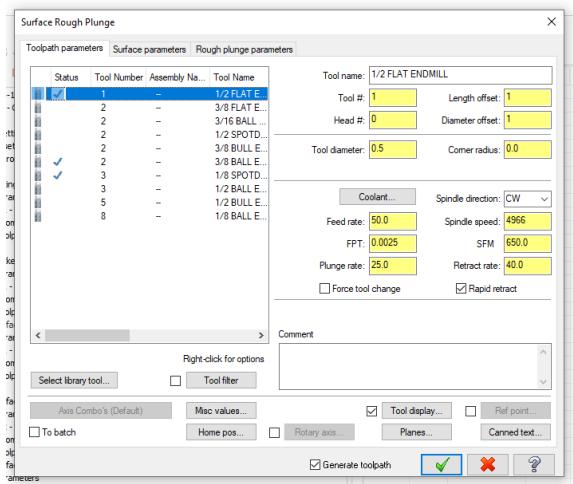
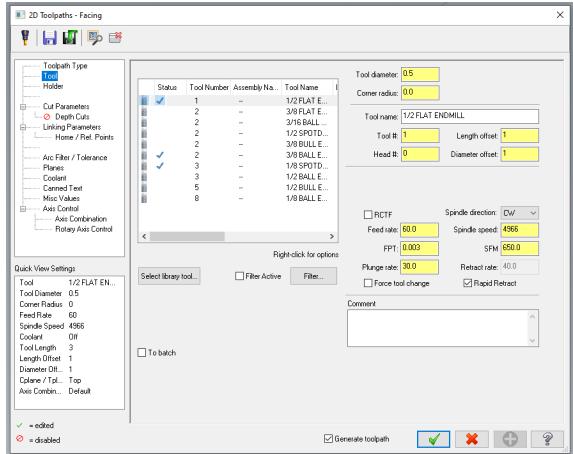


IV. Toolpaths:

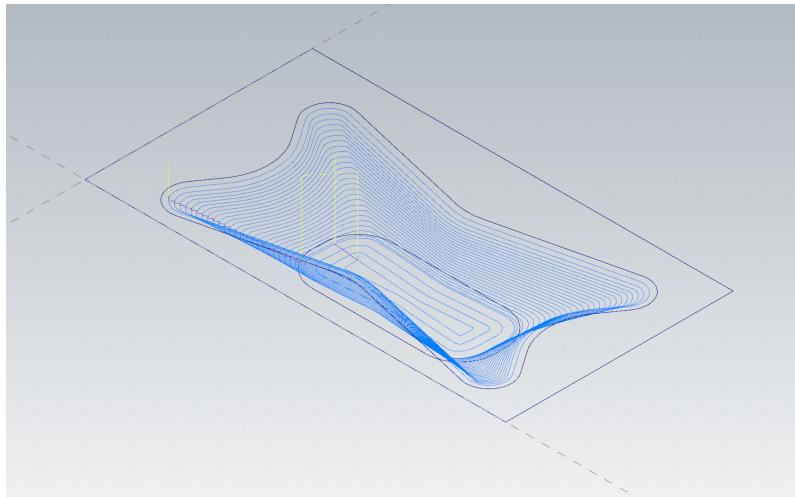


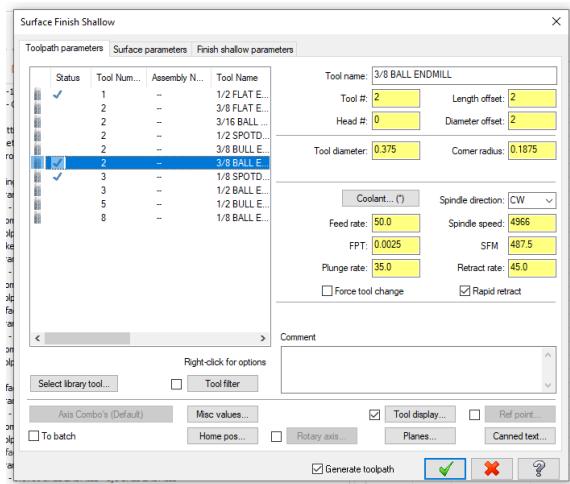
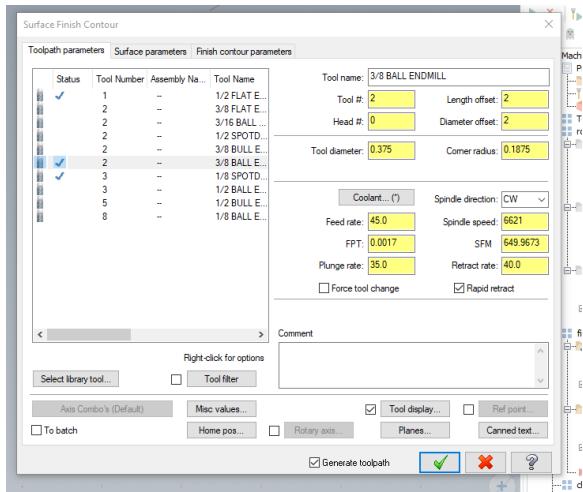
V. 1/2" Endmill:



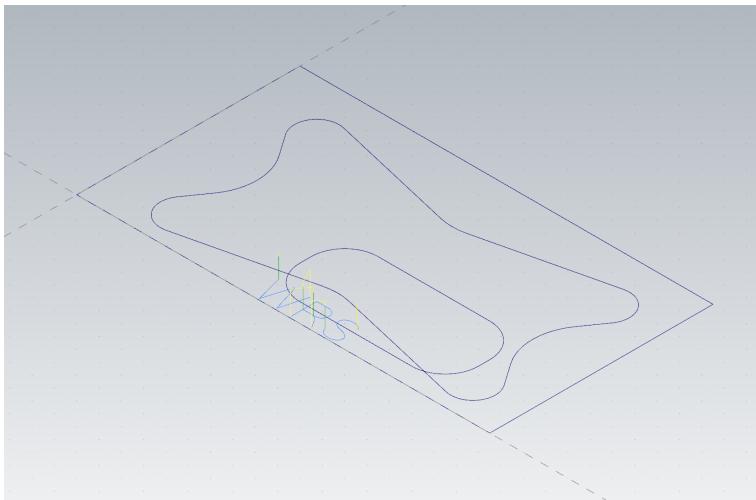


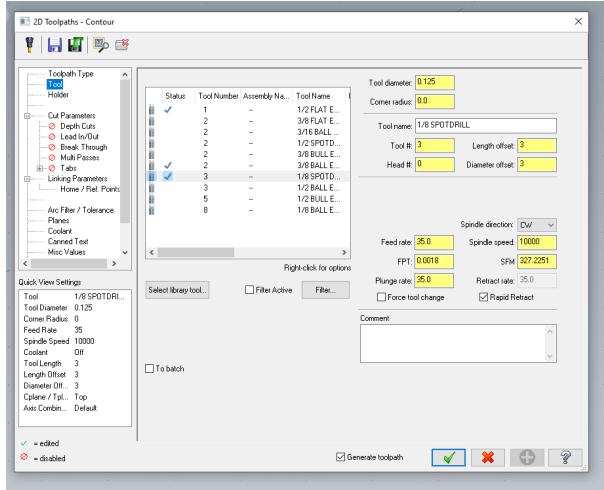
VII. 3/16" Ball Endmill:





VIII. $\frac{1}{8}$ " Spot Drill:





X. Method:

For this lesson I did the same steps as in the tutorial for this module. This one wasn't that much different and ended up being a little easier to draw.

XI. GCode Changes

To modify my gcode to be compatible with the machine I first made sure the HAAS 3 axis post processor was selected when exporting the gcode. Then I removed the long lines at the beginning and edited the last G28 home command to not zero the x axis.

XII. Finished Part



Report by Weston Shakespear
Spring 2023