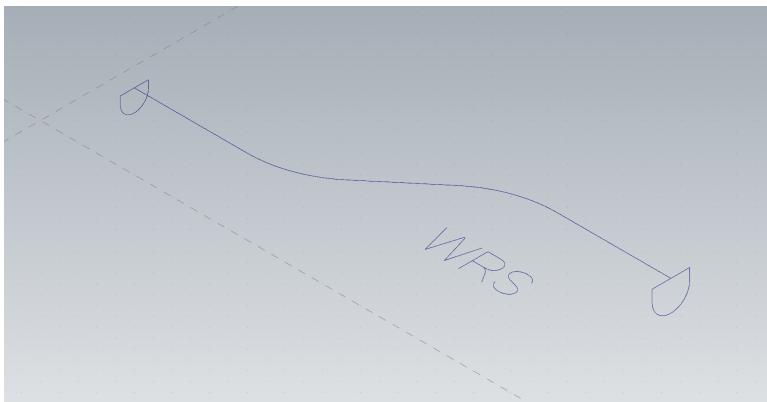
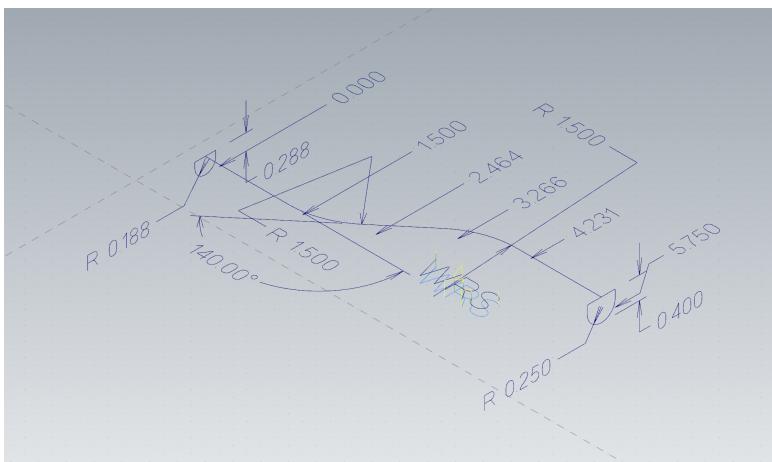


CCET 3680
Mill Lesson 12 First Exercise

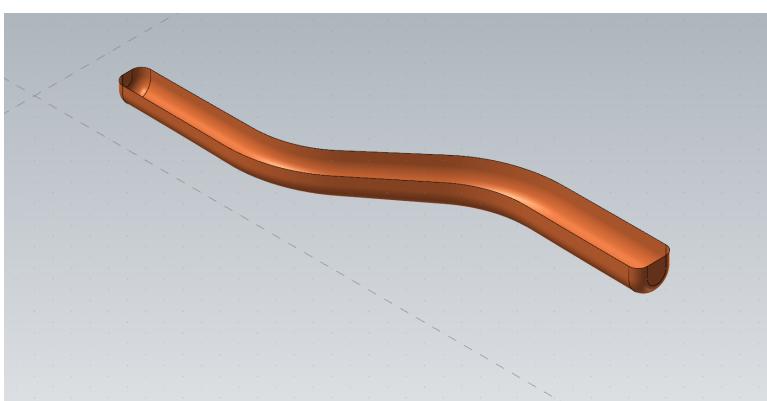
I. Wireframe:



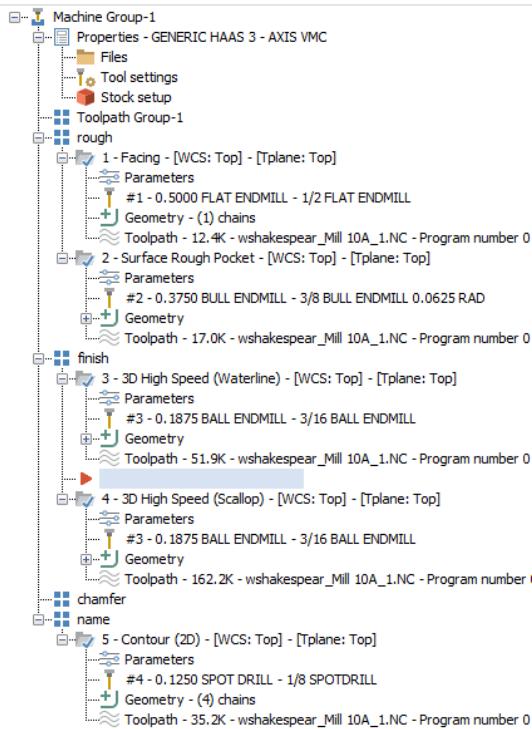
II. Dimensions:



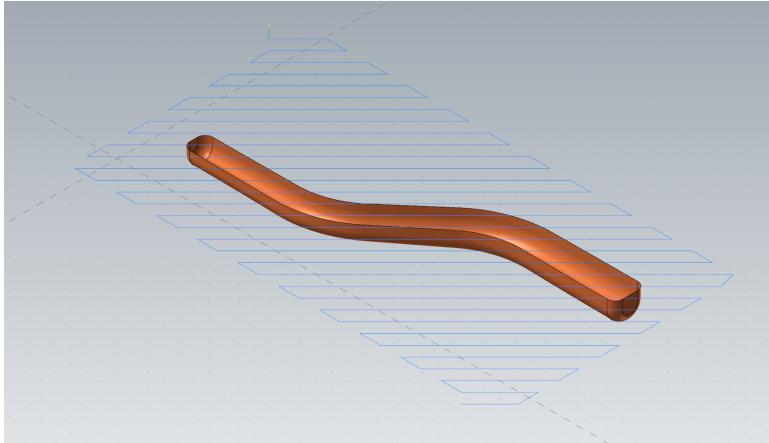
III. Solid:

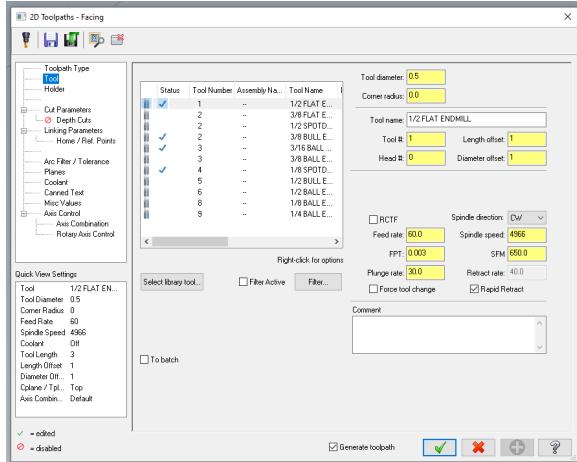


IV. Toolpaths:

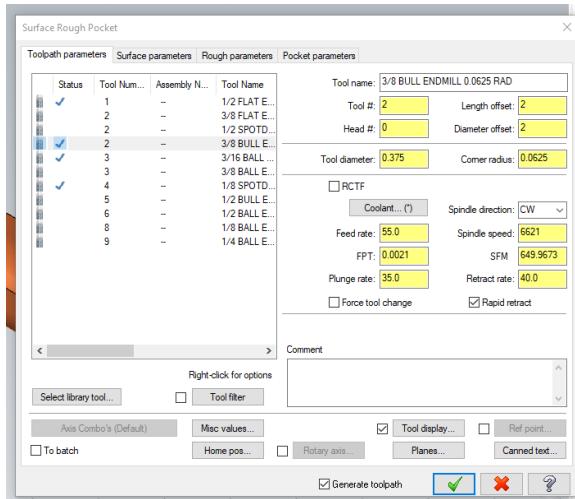
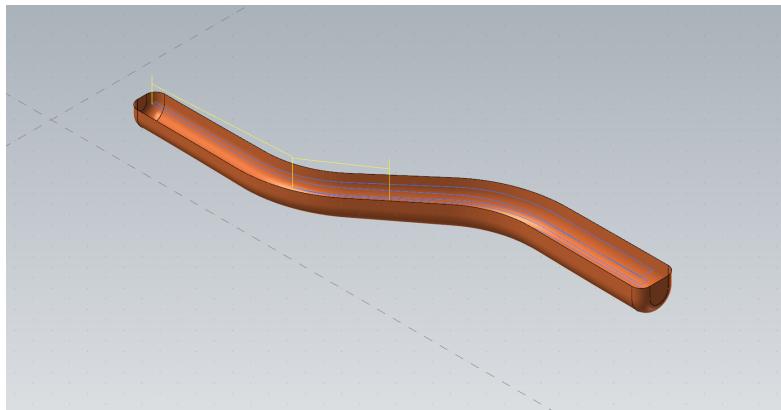


V. $\frac{1}{2}$ " Endmill:

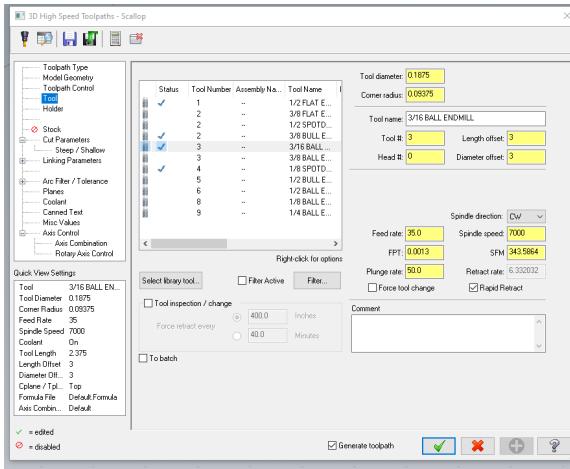
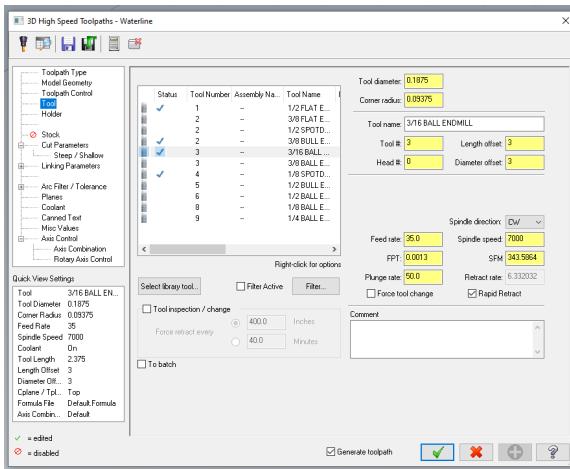
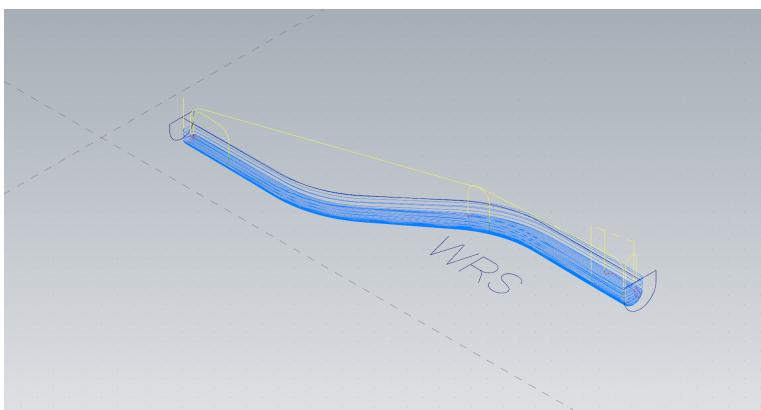




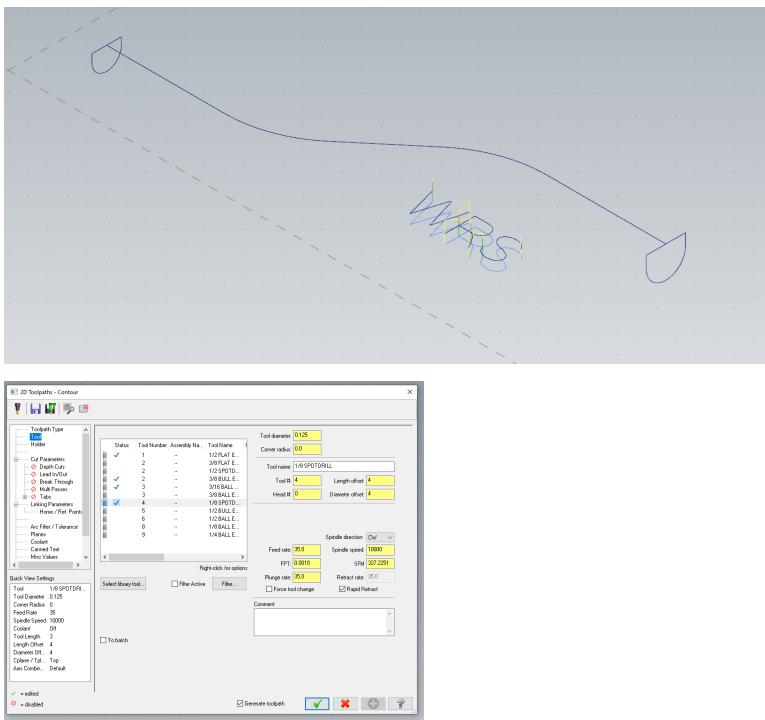
VI. $\frac{3}{8}$ " Bull Endmill (0.0625" corner):



VII. 3/16" Ball Endmill:



VIII. 1/8" Spot Drill:



X. Method:

For this lesson I followed the tutorial exactly.

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