




CNC Milling & Collaborative Project

Industry 4.0 & Digital
Manufacturing



CNC Milling

Core Standard 3: Students adapt and apply knowledge and skills of the product design process to develop products.

Student Project - CNC Mill created sign.

Students learn about GCode for Industrial Production.



CNC Milling

Students use the Vetric software to create their design following a online tutorial. It creates a vector drawing that can be carver by the CNC Mill.



Collaborative Student Project

Students developed a designs for
tops of stools. Mr. Wahl's Adv.
Manufacturing Class picked 2 of the 9
designs to process.



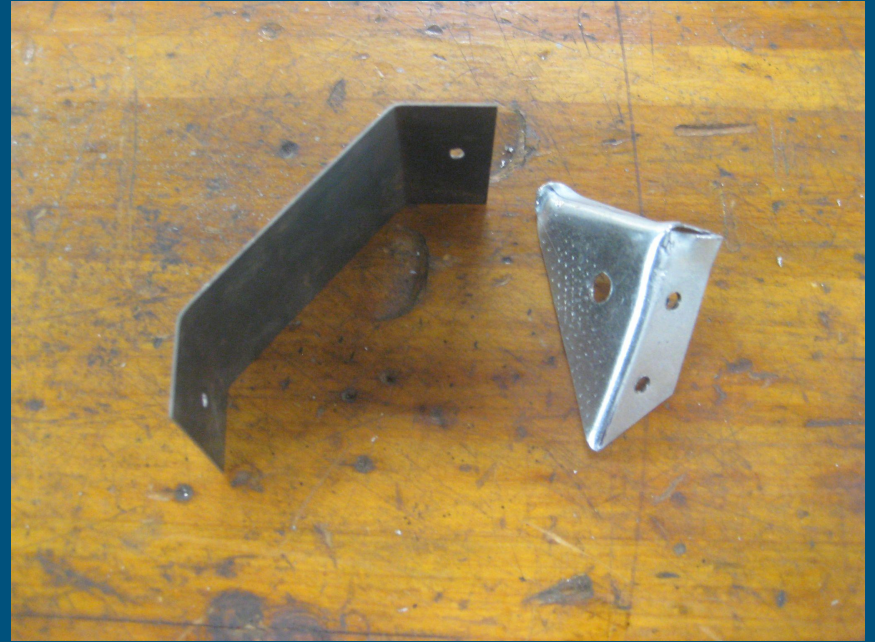
Collaborative Student Project

Students in Industry 4.0 and Digital Manufacturing Class are laser cutting the designs for the tops of the stools.



Collaborative Student Project

Mr. Strait's Precision Machining Class is making brackets to build. Students in Industry 4.0 class are laser cutting the designs for the tops of the stools.



Collaborative Student Project

Mr. Wahl's Adv. Manufacturing Class cutting the wood pieces, building, and assembling the stools to create a final product.



Collaborative Student Project

Students will see the connections from one class to the next in creation of materials and final products.

