

CAD Lab

Through the CAD lab, we learned how to use the software Solidworks and create 3D models. Primarily, the process we used was drawing a 2D object and then using a combination of features such as extrude or loft, we created a 3D object. You can even 3D print these objects via Solidworks. While we created many individual parts, we also learned how to make an assembly or bring these parts together and “mate” them. Throughout this semester I have used Solidworks to design a coffee mug for disabled individuals as an individual part as well as making an assembly of a toy car. Below are pictures of the more complicated assembly of the toy car and some of its parts.





