CAD Lab

During my year in my first engineering design class I learned how to use the program known as Solid Works in order to create digital three-dimensional designs and objects. I learned many different techniques and tools in solid works to continue to make more advanced and complex designs. I learned things such as extruding a drawing, meaning giving a two dimensional drawing a depth or choosing. I learned how to revolve a drawing around an axis creating a circular type of shape. I learned how to cut out different pieces of objects that had been created. While all of these different tools and techniques are important the most important in my opinion was being able to put various parts together in order to have them function and work as a group of moving parts, which was definitely my most favorite and interesting part of the Solid Work program. While the program also gives us the ability to make these parts and assemblies into three view and isometric view drawings, it pales in comparison to the assembly of a moving project.