Darren Pope  
Final CAD Project  
Pool Table  
EDSGN 100

I decided to pick a pool table for my final CAD project for several reasons. I felt that it would be a very good way to present my skills using SolidWorks, the pool table itself uses the main functions we learned in EDSGN 100 throughout the year such as Extrude, Revolve, Loft, Line, Circle, Rectangle, and other various tools. I created the main parts separately, the leg, table, and balls, and then joined them all together in the end with the creation of an assembly.

The most difficult part of this project for me was getting the Penn State logo to go onto the table. It was giving me a very hard time because certain images would not fit, some were oriented the wrong way, and some images would not even load onto SolidWorks. Another difficult part I ran into was the final drawing that I made with all of the dimensions at the end of the project. It was extremely difficult to get all of the dimensions in the drawing because of how many miniscule dimensions were in the design itself.

This project was very enjoyable for me because it related my hobby of shooting pool with the knowledge I have gained in SolidWorks over the past semester. It didn’t even seem like an assignment because of how fluid everything went for me. I definitely have learned a lot in SolidWorks and am a lot more confident in my ability to construct 3-D objects in programs such as SolidWorks and CAD.
View Showing Pool Balls on Table