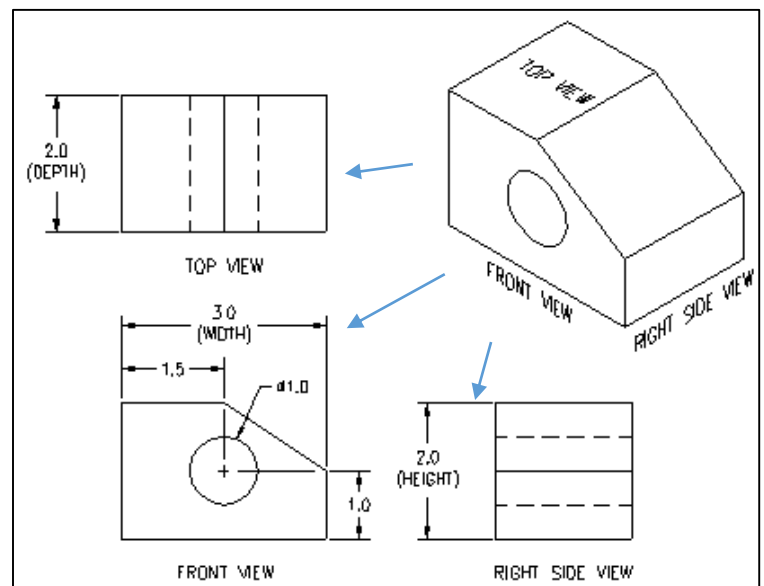
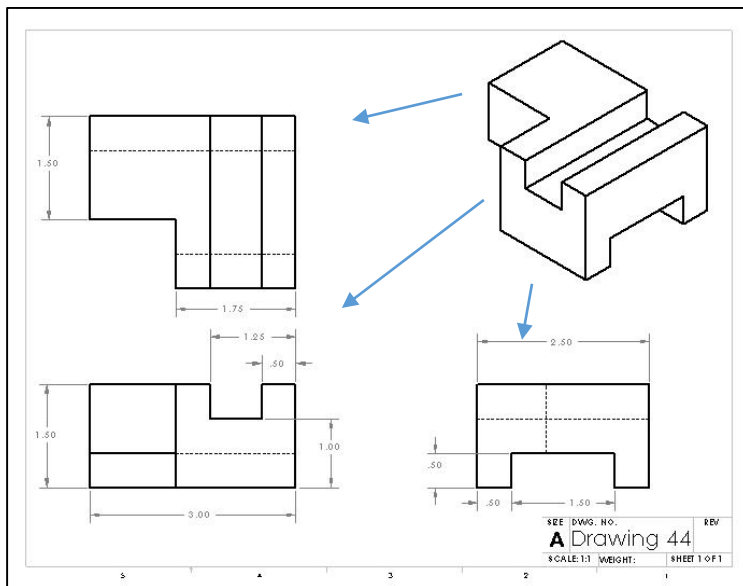


Engineering Drawing

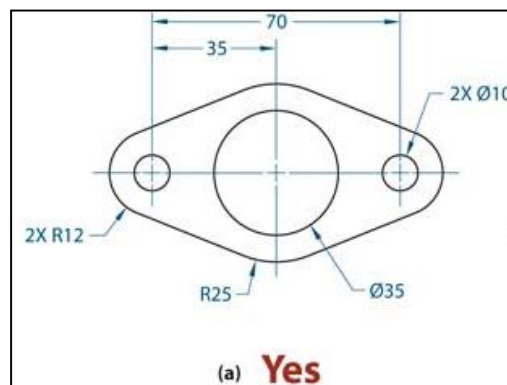
Throughout this semester, graphing has been an important aspect that we learned. Graphs are of vital importance for engineers, since we are constantly developing new solutions to problems that the world currently faces.

One of the aspects we learned was the 3-views drawing which allows us to separate a 3D object into its respective top-front-right views. In order to do this, we also had to learn about dimensions and different types of lines such as object line, center line, dimension line, section line, extension line, leader line and hidden line.

3-views drawing

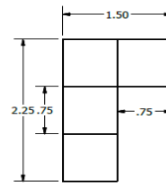
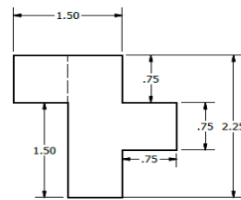
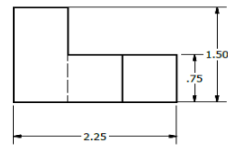
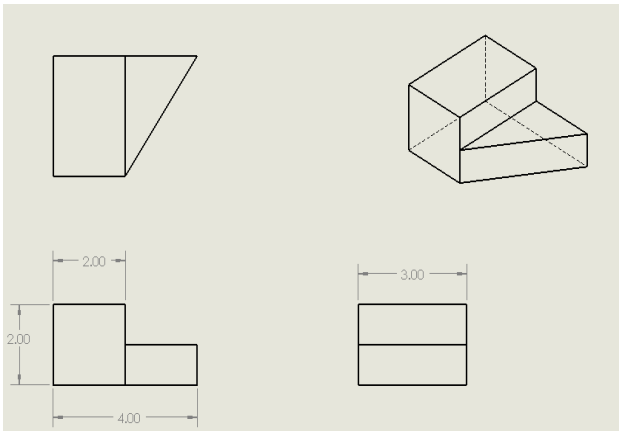


Dimensions



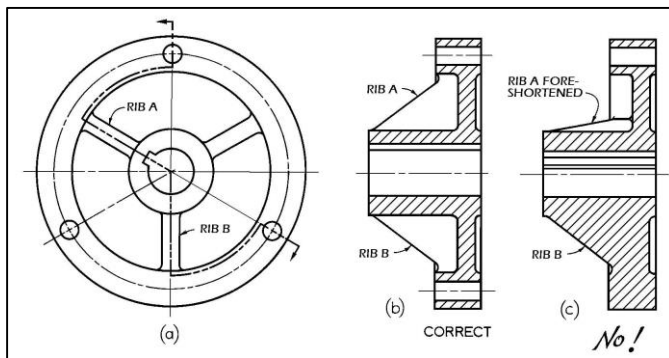
Furthermore, we learned isometric drawing which can be considered the opposite of 3-views drawing. In isometric drawing we draw a 3D figure based on the top/front/right planes that they were presented to us.

Isometric Drawing



In addition, we also learned about cylindrical drawing to correctly draw any cylinders or holes present on a 3D figure. Furthermore, we learned about section view which shows an area or hidden part of an object that is cut away or removed.

Section Views



Cylindrical Surface

