Lab Assignment - 1A
Due by next lab session Monday, June 29 (2:30 PM)

1.) Login to your SolidProfessor account and review the tutorials listed for Lab-1A, which should take about 1 to 1 ½ hours.

2.) At the end of the tutorials is a "Review Test" that can access to only after viewing all listed tutorials. *Please, do not forget to complete this <u>short on-line review quiz</u>.* The review test is due by end of today's lab session (06/24).

3.) Complete the Practice Exercise "Three_Level_Sketch" (listed at the end of Lab-1A) Save a screenshot of your sketch with "View Sketch Relations" turned on [20 pts.].
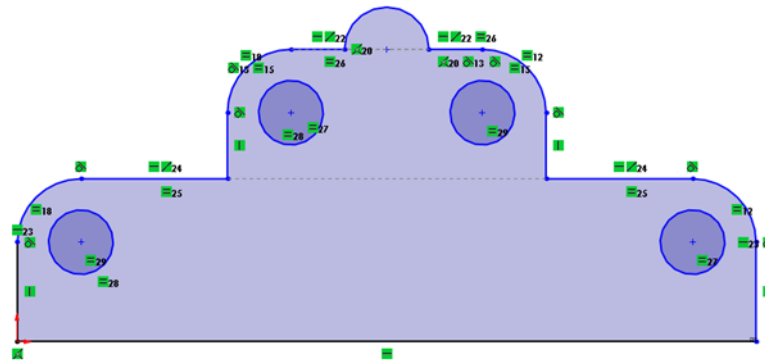

Figure 1: Three_Level_Sketch showing sketch relations.

4.) Complete the Practice Exercise "Dual_Lever_Sketch" and save a screenshot of your sketch with "View Sketch Relations" turned on (see Fig.1) [30 pts.].
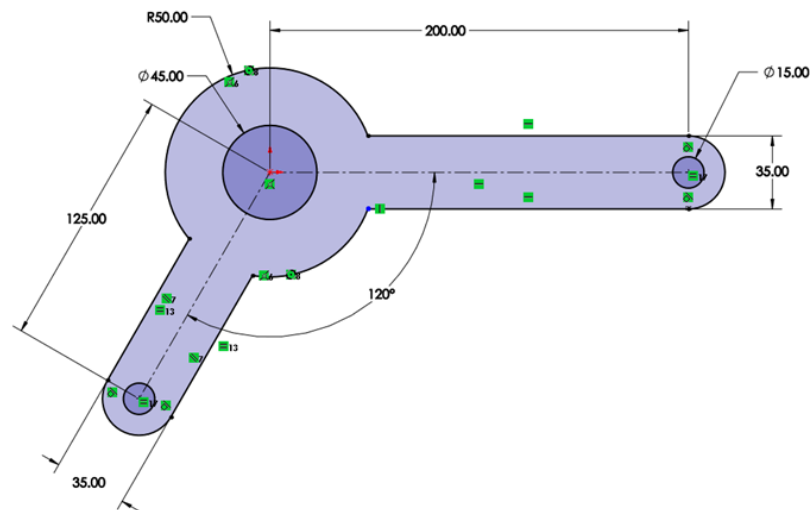

Figure 2: Dual_Lever_Sketch showing sketch relations.

5.) Complete the Practice Exercise "Two_Slot_Gasket" and save screenshots of your sketches with "View Sketch Relations" turned on; upload a copy of your [40 pts.]
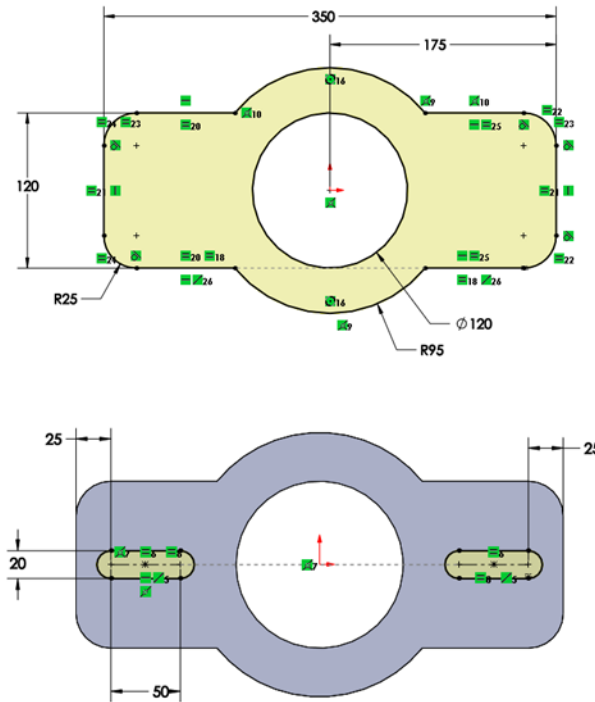

Figure 3: Two_Slot_Gasket sketches showing sketch dimensions and sketch relations.

Deliverables:

- Please upload to CCLE your assignment as a **<u>single PDF file</u>** using the following file naming convention: *LastName-Lab-1A.pdf* **[90 pts].**

   FORMAT:
   Start with a cover page that has the assignment title your name and date; add the three practice exercise figures (show the figures as large as possible); each figure should have a figure number and a caption; don't forget to add page numbers.

- Upload all three Practice Exercise SOLIDWORKS part files **[10 pts].**