ENGR 1182 | SolidWorks: SolidWorks Introduction and Layout

SW - APPLICATION

SolidWorks Layout

1. Open the SolidWorks file “View Options Part” found in the On the SolidWorks1 page as shown below:

2. Replace the words “FRONT” with your name by finding the negative extrusion (Cut-Extrude2) that created the words and editing the associated sketch (Sketch 5, not shown unless the “+” sign is selected next to Cut-Extrude2). Edit the words by double clicking on the word “FRONT” and then typing your name. You can have a new line after your first name in order to fit it on the block, or you can re-position the text.

3. Add your seat number and Instructors name by starting a new sketch on the front face. Find the “Text” tool button in the sketch tool ribbon. Type your seat number and professor and click where you want the text. If the text command is active then wherever you click will re-position the text, but if the text command is closed then you have to select the words and drag them to the desired location.

4. Turn off Shadows and Reflections (found in the lecture slides). Adjust the size of the object to fill the page and print in Landscape mode.
SolidWorks Layout – QUESTIONS

1. What was the shape of the block in Assignment 1 after the first extrusion (Boss-Extrude 1).

2. What feature of the design tree corresponds to the creation of the inclined plane?

3. Which feature corresponds to the word “BACK”?

4. How many surfaces of the object can you see from the bottom view?