Lab 10

Work through the Group, Copy and Mirror Tools, Creating Patterns and Measuring and Inspecting Models modules using the PLM software titled Introduction to Creo Parametric – Productivity Tools.

Documentation:

After completing:
   Moving and Rotating Copied Features, print the result from both Exercises.
   Mirroring Selected Features, print the result from the Exercise.

After completing:
   Direction Patterning in the Second Direction, print the result from the Exercise.
   Axis Patterning in the First Direction, print the result from the Exercise.
   Axis Patterning in the Second Direction, print the result from the Exercise.
   Creating Reference Patterns of Features, print the result from the Exercise.

Note: Measuring and Inspecting Models (Analyzing Design Models); when dealing with the Fuel Tank, you need to have the suppressed features (Shell) displayed in order to Resume it. Select the Settings – Tree Filter from the Model Tree (left window) and pick on Suppressed Objects, then OK.

Analyzing Design Models – Exercise, use the Snipping tool to capture (into Word) and then print the Isometric view of the full assembly after doing the Interference check. Resize the image (smaller), and move to the upper left corner of the screen so it appears similar to what is shown on the right (your image will be of a different assembly!!!).