Lab-3B Assignment

Due Wednesday July 15th

1. Review the SP tutorials "Advanced SOLIDWORKS Assemblies: Assembly Features."

   For your convenience, I have uploaded a folder that contains all SW parts for the Lab-3B tutorials. Download the part files and practice the tutorials while you are watching – you will learn a set of very useful assembly features.

   The deliverable for these tutorials is the *Review Test* due end of lab session.

2. Create the six solid models as outlined in the "Hands-On Exercise: Door Latch Parts":
   (1) Latch, (2) LockMechanism, (3) LatchPlate, (4) FacePlate, (5) Handle, (6) RoseCover.

   Make sure that the *Handle* and the *RoseCover* each have two configurations. You will need these parts for the next lab-session!

   After creating the parts, either emboss or engrave your name on a visible surface of each part and please upload all six parts to CCLE Lab-3B (*due Wed. July 15th*).

   Hints:
   Handle part**:**
   When you get to the sketch shown in Fig. 1, please note that **it is fully defined** and there are no missing dimensions!

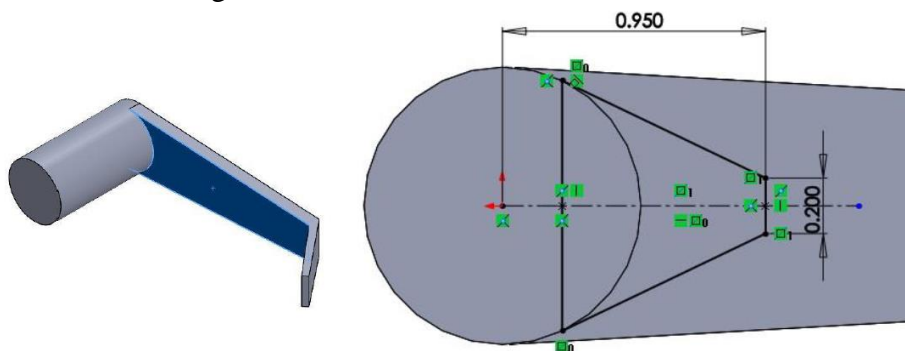Figure 1: Fully defined sketch.

   Rose Cover part**:**
   Study the dimensions of the base-sketch carefully before trying to sketch it.