Lesson 6

This assignment requires the use of a Start Part in order to use the drawing template and to generate General views in a specific orientation.

**Before** starting Pro/E, set access the V: (pro_e) drive. Select Start – Programs – Datadisk and Other Utilities – Courseware Data Disk. Enter pro_e when prompted for the Data Source.

Setting access to the V: drive after starting Pro/E has no effect as Pro/E reads specific items upon start up. In other words, if you start Pro/E first, then set access to the drive, you must exit and re-start Pro/E.

Page 6-9, Instruction 1. Make sure that you have already selected Datum Axis A_1. The note below this instruction discusses the fact that the axis has been pre-selected (is displayed in red).

Page 6-17, Instructions 1-5. It is also possible to have selected the placement plane as the Primary reference, manually select Coaxial (the default would be Linear) and then select the Axis as the Secondary reference.

Page 6-20, Instruction 8. Be advised that you are trying to create a linear dimension between the centers of **two** holes as shown in the figure under instruction 16. Instruction 8 also neglects to tell you to click the middle mouse button after selecting the edges of the two holes. This instruction is actually on the Prompt line in the Pro/E window.

Page 6-21, Instruction 17. You may not get the Direction menu. If not, simply proceed to Instruction 18.

Page 6-24. Print (Not from Pro/E) an isometric, no hidden view of your model showing the 3-D annotations similar to what is shown on the bottom of the page. Pro/E will not print the annotations when printing in part mode. You will have to copy/paste this image (alt-Print Scrn) this into Word and print it out from there. **NOTE OUTPUT REQUIRED**
Page 6-26. Print out the simple 3 view drawing you just created. Since there is no title block associated with this, again use the Include Label option under the Configure button when plotting. ☐ NOTE OUTPUT REQUIRED

Page 6-42, Instruction 15. Include Label when plotting. ☐ NOTE OUTPUT REQUIRED

Page 6-44. Answer questions 1-7.

There is no additional Exercise due with this assignment.