Lesson 7

This assignment requires the use of a Start Part.

**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 7-3, Step 3 – Use the Start Template. Make sure you enter your name and material (SA 53 GR B) as well as the Part Number (C-297-001-01) when starting the part as this information will be used to fill in the title block for the drawing. If you don’t do this, the title block will not fill in automatically, although it is possible to edit this parameter information at the part level.

Page 7-3, Step 4. Ignore this as we are using the Start Part.

Page 7-14&15. Don’t take the dxx names literally. These only demonstrate how you might write your relations. You might notice that the text in the book and the pictures do no match.

Page 7-15, Step 11. This instruction does not appear to do anything. Simply selecting (right click) on a feature pops the Relations window back up (Step 10).

Page 7-17, Step 7. Browse and select the b_horiz_english format instead of b.frm.

Page 7-24, Step 8. Show/Erase will not display the dimensions nicely spaced as shown. The diameter dimensions will appear on top of the sectional view and if you try to move them, they will probably just rotate. The trick is to move the dimension to the front view then move it back to the sectional view. You can now drag the dimension in the horizontal direction.

Page 7-29, 30 Creating Additional Centerlines.

You probably will not have to create any additional centerlines because we have the system configured to show radial centerlines for patterned features.

Print out the drawing shown on page 7-35. The printer is smart enough to print the B size drawing on B size paper.

Answer questions 1-9 on page 7-36.