Lesson 1
Follow the text, paying particular attention to the reasoning for doing certain functions.

Note the following in the process:

Page 1-7, the datums will appear in the isometric view (not the trimetric as shown in text).

Page 1-24, Step 3. After entering 2.5 hit the ENTER key. If you don’t hit enter, then the Accept button will be grayed out and you cannot select it. If you then rotate/zoom the geometry, the temporary extrusion will disappear off the screen and you will think you lost the geometry. Remember, the system doesn’t know you are done typing (entering a value) until you hit ENTER!

Page 1-27, Step 1. This can also be done by using Insert (top of graphics window) – Extrude.

Page 1-31. This can also be done by using Insert – Extrude.

Page 1-32, Step 3. The dialog box may indicate that you have selected a Surface rather than an edge. This is ok.

Page 1-33. Modifying dimensions can be accomplished simply by double picking on the dimension in Sketcher. The sketch will update itself to reflect the dimensional change when you hit the enter key.
Page 1-34, Step 10.

The options shown in the text will appear if you select on the arrow to the right of the depth button.

If you select the Options button, you will get a dialog box like the one shown below. Pick the Through All (Extrude in first direction to intersect with all surface.)

![Options dialog box]

Due at the beginning of next class:

Page 1-35, after saving and before exiting, display the adjuster plate in the isometric view, turn on datums, axis and hidden lines and File - Print – Configure, check the with label box. If you are in shaded mode, the Configure box will be grayed out. Make sure you have selected Hidden Line. This will put your userid and time stamp on the output. The output should appear as shown below.
Page 1-36, Questions 1-7. Answer (using a word processor).
Page 1-38, Exercise 4. Model this part up and turn in an isometric, hidden line plot as before.

Staple these together before submitting for grading.