2.000 CAD Lab I Details

Purpose: Introduce you to the software and basic modeling techniques used in solid modeling.

Importance: See Introduction To Solid Modeling. (Link provided on the section page)

Required materials: **100 MB Zip Disk. You must bring your own**

What to hand in: You need to hand in .jpg files of the product from each section of the tutorial. See Introduction To Solid Modeling. (Link provided on the section page)

You MUST put your name in the print out of the part to get credit!!!

"The printer ran out of paper" will not be accepted as an excuse.

I suggest you try to finish this lab as early as possible.

You may work in pairs, but must hand in your own work. We trust you to be honest, BUT, the hammer will fall on people who take short cuts.

Due date: At the beginning of your next lab period (i.e. next week).

How to complete this lab:
1. **MOST IMPORTANT:** Ask questions if you get stuck!!! Do not "sit-and-spin". It wastes your time and eventually ours too. Besides, I hate to see people suffer.
2. Move quickly. Whatever you do not finish in lab, you will still be responsible for next week. Though we will be available later, use us now while you can!!!
3. We suggest you work in pairs.
4. Don't have experience with CAD? Try to pair up with someone who does.
5. One person should "drive" while the other reads.
6. It is important that you switch off every 15-20 minutes if not at shorter intervals.

7. Learn as much as you can during lab. If you do not learn this skill now, you will be severely handicapped in finishing the rest of the tutorial.
8. We will be available during office hours.

Software: SolidWorks® or PRO/Engineer®

Though you do not need to do this for lab, you may load SolidWorks or PRO/Engineer on your home/dorm computer. This might save trips to campus late at night during the next 4 years.