Assignment

- Assembly drawing (1 drawing, page 1)
  - Labeled parts by number
  - List of parts or bill of materials
- Detailed drawings (10 to 13 drawings)
  - Fully dimensioned
  - No overlapping dimensions
  - Meet expectations
    - Pivot block
    - Offset link (only need 1)
    - Stroke Slide
    - Guide pipe
    - Tee
    - Well seal
    - Well casing
    - Handle
    - Pivot support
    - Concrete base
  - Four view lay out
  - Exceeds expectations
    - Output pipe
    - Circular concrete platform
    - bucket
Layout

- All drawings will have the three views below plus an isometric. (remember views must be aligned)

Assembly Drawing

- Standard layout
- No dimensions
- Label parts
- Parts List

Note: In your parts list also include a column containing material type.

This was a serious downfall of the class!
Detailed Drawing

- Standard layout
- Fully dimensioned
- Single part

Acceptable and Unacceptable Dimensioning Practices

This was a serious down fall of the class!
How to make these drawings and print?

Help can be obtained in three places
- Tutorial 10 – we will demo today in lab
- Online pdf on printing and assembly drawings
- TA’s and myself

This is due 1-week from today by 5pm in my mail box
We will give you both lab slots this week to work on this project
- Hint: when you get a detailed drawing printed out see me or the TA’s to proof it.
- This assignment is work a lot (way more than a normal HW) thus small errors can really hurt you.

KOGAN #1 redo

- 20 D’s converted to ??? C’s
- Great job
Mid-term evaluations

We are committed to providing you the best educational experience possible. We believe end of quarter course evaluations are too late to help you. So we conduct an informal mid-term evaluation.

Please take out a piece of paper and complete the following sentences for me and your TA. The TA’s and I will read your input and report back to you on the top three in each category – plus a plan to improve.

- Lengsfeld does well at …
- Lengsfeld does terrible at …
- Michelle does well at …
- Michelle does terrible at …
- Tyler does well at …
- Tyler does terrible at …