Concepts I
Kogan #2 and where you went wrong

Tuesday 4th Week

Layout

Everyone got the layout correct --- Cheers!
Blank drawing sheets contain the following
- Title block
  - [Your title block should include organization, drawing number, title, date, name of draftsman, scale, units, sheet number, number to total sheets]
- Frame (0.5" off paper edge)
- Centering marks
Drawing the object

Most everyone got the objects aligned correctly – Cheers!

Line Types and Thickness

Most everyone got the line types right --- Cheers!
ISO Type ‘F’ Line

- Thin, discontinuous and dashed
- Used for displaying hidden detail edges or outlines.
- Many people forgot hidden lines on the top view of bolt and especially on side view of the stepped spool.

ISO Type ‘G’ Line

- Thin, discontinuous, and chain dotted
- Used to show center lines of either individual features or parts
- Centerlines were missing from most drawings of the washer and nut.
Acceptable and Unacceptable Dimensioning Practices

This was a serious downfall of the class!

Unacceptable

Acceptable

Assembly Drawing

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

This was a serious downfall of the class!

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

- Standard layout
- Fully dimensioned
- Single part