

# Homework 3

Engr 100A – Intro to Engineering

1. 2D CAD Drawing – create a 2D CAD drawing. Your choices are:

- a.) AutoCAD - anything you want! A bridge, a car, a face, etc. (at least 5 entities are required)
- b.) Bridge Designer, Hopkins Truss simulator - probably stuck drawing a bridge here.

Upload a SCREENSHOT of what you drew.

AutoCAD is free for students (search for “student edition AutoCAD”). You can also use the computers in the SAC Academic Computing Center. Many of them have AutoCAD installed on them.

Instructions for screen cap

- Screen cap by pressing Alt + Prnt Scrn (or just Prnt Scrn)
- Paste the image into a graphics program like MS Paint.
- Crop the image to remove ribbon, menus, etc.
- Take a negative of the image if the background is black (to save toner if submitting on paper)
  - in Paint, do this by right clicking the image, then pick “Invert Colors”
- Select the entire image (Ctl + A)
- Copy the image (Ctl + C)
- Open MS Word
- Paste the image (Ctl + V)
- Resize the image