**ENGR 4020: Mechatronic System Design Lecture 11-12 Notes**

Autocad

1. Tour of the 2D interface
   1. Help, drawing tools, command line
   2. On off displays for drawing tools in lower right
2. Units: under Format (also where styles are located)
3. Draw commands
   1. Line
   2. Rectangle
   3. Circle
   4. Arc
   5. Snap settings
4. Modify commands
   1. Move
   2. Copy
   3. Mirror
   4. Trim
   5. Extend
   6. Explode
5. Arrays
   1. Rectangular
   2. Polar
6. Layers
   1. Red, 0 linewidth for laser cutter
7. Dimensioning
   1. Layer, format, best practices
8. Plotting
   1. Window
   2. Scale
9. Practice Examples