# Cive 201 - Eng'g Drawing Tools 

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## Drawing Tools

> Line:

- Drawing a line:

1. Click to determine the start point of the line
2. Click to determine the end point of the line

- Blue dimension is a temporary dimension of the line drawn that could be directly adjusted to specify the length needed of the line.
> Rectangle:
- Drawing a rectangle:

1. Click to determine the first corner of the rectangle
2. Click to determine the diagonal corner of the rectangle

- Dimensions of the rectangle could be adjusted after drawing it
> Circle:
- Drawing a circle:

1. Click to determine the center of the circle
2. Click to determine the radius of the circle

- Radius of the circle can be directly adjusted
> Inscribed/Circumscribed Polygon:
- Drawing a polygon:

1. Click to determine the center of the circle that is inscribed/circumscribed around the polygon
2. Click to determine the radius of that circle

- Dimensions of the polygon should be adjusted after setting the center of the polygon. It cannot be adjusted later
> Arc:
- Draw an arc (choose one of many types available):

1. Specify Start-End-Intermediate Point
2. Specify Center-Start-End
3. Click on two connected lines to draw a Tangent End Arc
4. Click on two disconnected lines to draw a Fillet Arc
