

## Lab 4: Simple Sheet Drawings

### Sheet Drawings

- Once our model has been completed, we need to illustrate it using a design drawing.

### Set up

- Once the part is open, click on the *Make Drawing from Part...* icon (next to *Save*).
- Select *OK* from the Template Screen
- Use:
  - A – Portrait
  - Uncheck *Display Sheet Format*
- Open the *Options* menu:
  - In the **System Options** tab, go to *Display Style* and click on the bubbles:
    - Hidden lines visible
    - Tangent edges: Removed
  - In the **Document Properties** tab, select:
    - ANSI standard
    - Un-check *Auto Insert Center Marks*

### Drawing Settings

Once you select your settings, you should be back in your original drawing with *Model View* still visible in the Feature Manager. From Here, select in order:

- Number of Views:
  - Multiple views
- Orientation:
  - Click on *Front, Top, Right, and Isometric*
- Display Style:
  - (*Hidden lines visible*)
- Scale:
  - *Use custom scale.* Set it to 8 : 1
- Dimension Type:
  - Leave in *Projected*
- Cosmetic Thread Display:
  - Leave in *Draft Quality*.

Finally, after you click *OK*, move the views to better fit on the sheet and render the isometric.

- Click and hold on any view edge to move it
- Click and toggle the Isometric view and select *Render* under Display Style.

# Example: Lego Leg

