**Rapid Prototyping Lab**

**Lab Procedures**

* Save your design as a .stl file type.  **Files must be in .stl format to be sliced**.
* Use the appropriate slicing software for the matching printer you wish to use.
* Save the sliced file onto the appropriate SD card for the printer you will use.  Do not use your personal SD card.
* Complete a “**PRINT TICKET**” and place it at the printer you are using for staff to see.
* Complete a **DRAWING** and place it with your ticket at the printer.
* Watch the beginning of your print for 20 minutes to ensure proper adhesion and layer quality.
* Periodically check your print during its creation.
* Items may be picked up and taken **to room G010 for post processing** and cleaning of your part.  Due to the large number of printers in the lab any post processing or work on 3D printed parts will need to be completed in room G010.

* **Personal Prints need to be 8 hours or less**.  Personal prints longer than 8 hours need approval from the lab manager.
* **Graduate research printing needs to have approval** from the lab manager prior to printing.

Ask a student employee for help.  For help or concerns please feel free to also contact the lab manager, Darrin Wilcoxson, at [dwilcoxs@purdue.edu](mailto:dwilcoxs@purdue.edu) or in room G027