SOP for Class Assignments

Last Updated: January 2020

**Machines:**

* Epilog Fusion M2 Laser Cutter/Engraver
  + Bed Size: 28 X 40 in
  + Materials to cut:
    - Wood
    - Cardboard
    - Acrylic
    - Paper
    - Leather
  + Material to engrave:
    - Paper
    - Cardboard
    - Aluminum
    - Steel
    - Wood
    - Acrylic
    - Leather
  + File Formats:
    - PDF
    - JPG
    - TIFF
    - PNG
    - DWG
    - DXF
* MakerBot 3D Printer
  + Build dimensions: 9.92 x 7.83 x 5.9 in
  + Material: PLA
* Ultimaker S5 3D Printer
  + Build dimensions: 330 x 240 x 300 mm
  + Material: PLA
* Stratasys Dimension 3D Printer
  + Build dimensions: 8 x 8 x 12 in
  + Material: ABS with soluble support
* Stratasys UPrint 3D Printer
  + Build dimensions: 8 x 8 x 6 in
  + Material: ABS with soluble support

**Procedure:**

1. Email [fablab@uvm.edu](mailto:fablab@uvm.edu) with the following information:
   1. What class wants to use the fablab
   2. A brief description of the project
   3. Schedule of project
   4. Number of students / Groups doing the project
2. Schedule a time for a Fablab employee to give a presentation discussing the capability of the lab

**Recommendations:**

* Have students work in groups to minimize lead time
* Students should submit file at least a week before the due date
* Students should come in when submitting a ticket