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 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