Makerspace Assignment #4 Laser Cut Lamps!

Your inspiration and departure point for this project: Jenny Holzer's 'Truisms'. Please choose one truism from this list as a departure point for your lamp imagery.

https://www.cs.utexas.edu/~field/holzer/truisms.txt

Template one:
https://drive.google.com/file/d/0B2u2iUW40sG9NWs4dHZVenZSd1k/view?usp=sharing

Template two
https://drive.google.com/file/d/0B2u2iUW40sG9dncxdlpMNkJJTmc/view?usp=sharing

For assignment 4 you will be using one of the above templates to create a poster board lamp. Each template is repeated six times to properly construct your final lamp. For this project you will be using Adobe Photoshop and Adobe Illustrator to create your visual content. Using Adobe Photoshop you will create black and white visual content that directly correlates to your chosen Jenny Holzer 'Truism' and place the imagery within the boundaries of your template. You will then use Adobe Illustrator to convert your combined template and template imagery into vector graphics.

You will be responsible for taking your .AI files to the DeLaMare library and using the Laser engraver to vector cut out each of the six panels that make up your lamp. Be sure you set the Epilog settings so that you are only vector cutting and not raster engraving. You may make six different panels or one panel that repeats six times or any combination of the two. You must have laser engraved content on every panel but you do not need to fill the entire panel space.

When you do reserve time to engrave you will need a one-and-a-half-hour slot, average engraving time per panel is 8-10 minutes. We will have time to work on constructing these in class. You will need to do a bit of cutting and scoring to fit your slots and tabs together properly, we will have open lab time during class to facilitate final lamp construction.

The technical process for converting your black and white imagery from a .PSD to .AI vector file will be covered in class. Be prepared to take extensive notes. You will need the following: 6-7 pieces of clean 11" x 17" poster board. You may also need tissue paper. I will provide the following: An LED bulb and a 15-foot cord and socket set.

Today we will take a small 10-minute tour of the DeLaMare Library so you are familiar with its location and how you will reserve time to use the laser cutter. Reserve time now!!!!!! You must reserve a half hour with a tech wrangler at the DeLaMare Library prior to using the laser cutter. Reserve time at this link. http://unr.libcal.com/booking/techwranglers. To reserve time with the laser cutter click here: http://unr.libcal.com/booking/lasercutter.

Grading Rubric

300 points possible
Overall clarity of message/connection to Truism_____/75
Effective use of Adobe Photoshop and Illustrator to create visual content_____/75
Clean and neat presentation_____/75
Proper construction and stability of final lamp_____/75
Total Points _____/300

Competencies Addressed

1. Applies design praxis
    1. identifies and works effectively within project constraints, be they financial, temporal, proximal, or material
    2. brainstorms for a variety of solutions & chooses the best one
    3. creates and tests prototypes
    4. revises and modifies prototype design over multiple iterations
2. Understands many of the ethical, legal and socio-economic issues surrounding making
    1. demonstrates an understanding of intellectual property rights and protections
    2. identifies project outputs that may be protectable by trade secret, patent, trademark or copyright