

Project 2: Laser Cut Lanterns

PROMPT

Using Illustrator, design a laser cut lantern using the provided template, specifications, & design guidelines.

SPECIFICATIONS

Download the Illustrator template here: <http://bit.ly/project2template>. You will put your designs within the boundaries of the pieces of this template (top, left, right, back, front).

You can make laser cut designs for the 4 sides and top of the lantern, we will be leaving the bottoms as full pieces. All lanterns will be 3.5 x 3 x 4 inches (lwh).

Because these are lanterns, **all designs should have vector cuts** (i.e. holes) to allow light to pass through the sides and/or top. It is up to you if you wish to include raster and vector etches as well. The laser cutter Adobe Illustrator specifications can be found here: <http://bit.ly/laserspecs>

DEADLINE/SUBMISSION: ****DUE END OF CLASS 2/6****

Save your project as an **Illustrator file** (File->Save As from the template file you work on) and **upload to the drive folder** (<http://bit.ly/libb2500project2>) inside a **folder Lastname_Firstname**. The deadline is **end of class on Thursday 2/6** since I want to check your files before submission. I will try to laser cut your projects before the next class where we will assemble them and share them with the class.



GRADES

- **Originality.** It is okay to be inspired by others' work, but make sure you are using your own content for this assignment. This includes photographs and illustrations. If you are unsure about the use of something, ask me.
- **Design.** The thoughtfulness of your overall composition and the effort put into it.
- **Technicality.** Demonstration of Illustrator technical skills (e.g. paths, shapes etc.) as well as following laser cutting specifications.
- **On-time completion & compliance with instructions.** Late work is accepted but loses 5% each day after the deadline. Late work submitted after group share-outs loses 10% each day.



EXTRA CREDIT

You will receive 10 points extra credit if you sign up to become a member of the BTU lab. The BTU (Blow Things Up) lab is a free makerspace on the first floor of the ATLAS building. Upon becoming a member & completing orientation you get access to all of the supplies & tools in the lab, including the laser cutter. As a member you still have to sign up for laser hours so an expert can help you, but this is great if you think you will want to do personal laser cutter projects. Apply to become a member here: <http://bit.ly/BTUapply>, add a screenshot proving you submitted it with the rest of the project submission & I will give you extra credit!

RESOURCES

- AI Online Tutorials: <https://helpx.adobe.com/illustrator/tutorials.html>
- Gareth David's Video Series on AI: <https://youtu.be/IBouhf4seWQ>