

Technical Theatre I Flat Project

*This project requires that you build a flat using theatrical construction techniques. It will be **yours to keep** when you are done with it. Hopefully you will want to use it as decoration for your room or home, or as a gift to someone, or otherwise get use out of it.*



REQUIREMENTS:

You will build a flat, rectangular or square, that totals no more than ten square feet: no longer than 6' or narrower than 1'-6".

You must turn in:

Paper work for your project *TOTAL 55 pts*
that includes

- A VectorWorks drawing that includes accurate representations of all components of your flat that adheres to the following criteria:
 - Accurate line weights
 - Dimension lines of all pertinent dimensions
 - Title block that includes your name, project name, date, and scale *30 pts*
- An attached cutting list of all components of your flat
- An attached photograph or drawing of what you want on your flat. (I recommend a panorama, naturescape or other fairly simple photograph: something that is potentially a "drop." NO ORIGINAL artwork.) *10 pts* just to select a picture!
- The color swatch sheet of your major representative colors using the CMYK color mixing method in Photoshop *15 pts*

After your drawing project has been approved, you may proceed to the Scene Shop and

- Cut lumber according to cutting list - measure twice-cut once!
- Assemble flat using proper tools, fasteners and construction techniques.
- Assure that your flat is square by measuring diagonally.
- Assure that you are practicing good tool operating and SAFETY procedures, including **wearing safety glasses at all times while you are in the shop.**

Then **practice gridding your artwork on to butcher paper that is ACTUAL SIZE to your flat,** using the grid method of image transfer. *15 pts*

Once your grid has been approved you may once again proceed to the shop to **Install muslin** on your flat.

- Use 1/4" staples.
- Use proper methods as demonstrated in class.
- Be sure that the grain of the weave of the fabric is square to your flat frame.
- Be sure that your dope and size are of the proper formula.
- Be sure to let the dope dry overnight before you size your flat.
- Remember not to paint size over the dope, or it will unstick.

OVER >>>

SCORING:

Your instructor is looking for these elements of quality in your flat construction:

SQUARENESS	15 pts
Appropriate staple patterns and grain runs	15
smoothness of muslin—no “puckers”	10
minimal warpage of flat	5
Neat and careful image transfer	15
Overall tidyness of project	15
Accuracy to drawings, original image	15
Elements of Originality/Problem Solving	<u>10</u>
	100
	<u>+70</u> for the design and drawing phase
	=170 pts TOTAL pre-paint

*Once your image is transferred in pencil, we will move on to color theory and mixing to finish the project. The painting and finish work will be worth another 60 points, making this a collection of assignments and projects combined into **A MAJOR PROJECT!!!** Don't blow this one off, or you will fail for the 4th quarter.*

And HAVE FUN!

Mr Morris