

INTRODUCTION TO DIGITAL MEDIA [48-120]

Carnegie Mellon University School of Architecture

Assignment 08: Composite Unfolding

Software: Adobe Photoshop, Adobe Illustrator

MAKE:

Make an unfolded composite of your head. Acquire your image by taking digital photos. This will be made up of at least twelve (12) images, but you can choose the number of images and degree of overlap. You may employ help from your classmates to photograph hard-to-reach areas of your head.

Your composite should be a single, contiguous image such that if you cut it out, you could assemble your head from folding a single image.

Bring it into Illustrator and use lines to determine cut lines and dashed fold lines

Print your composite on sturdy, heavy stock paper. Alternatively, mount your print onto heavy stock paper.

Assemble your head into a 3D model. Take a photo of your model to submit.

PROCEDURE:

1. Take digital photos of your head. Take more photos than you need. You may need to select "Macro" or "closeup" functions on your camera. (Usually identified by a flower icon on your menu settings).
2. Upload your images and save in a folder you specify. This folder should have only the photos you take.
3. You may choose to adjust the image size before making the composite. Go to **Image > Image Size...** (**Alt + Ctrl + I**) and make your images maximum 400x300 pixels each. Save each file.
4. Use Photomerge, Layer Masks, Adjustment Layers, and Rubber Stamp to aid you in your composition.
5. Resize your entire image as appropriate to fit within an 11x17 Illustrator artboard
6. Import to Illustrator (11x17 artboard) Draw lines to guide cuts (solid lines) and folds (dashed lines). You may want to define "tabs" or other overlaps to assist in assembly.
7. Save your Illustrator file as a JPG (it will be 11x17 landscape, but keep resolution down to minimize file size—5MB max).
8. Assemble your head. Photograph and save as a JPG (maximum 1200x800 or 5MB max.)

SUBMISSION:

Name your unfolded image file "Assign08_ANDREWID.jpg"

Name your head photograph "Assign08model_ANDREWID.jpg"

Post your final JPG image to Blackboard by MIDNIGHT before your class section
Midnight Monday (13 Oct 2008) or Midnight Tuesday (14 Oct 2008)