

CPSP218G Earth, Life & Time Semester III
Digital Image Processing Software
Proof of Concept Exercise

Due: October 26, 2009

Create an image that fits onto an 8.5 x 11 inch page using Adobe Photoshop AND Microsoft PowerPoint. Print it out. Also, save your image as a pdf, and mount it online with a link to your ELT website.

Your deliverable product will be BOTH the printout of this image and the online pdf image. The theme should be “your experience in Earth, Life & Time”, but please be creative with your design. The following are the required elements (with the appropriate point values for each):

1. The final image must contain at least one raster image that you obtain through a flatbed scanner, slide scanner, or digital camera (i.e., it was NOT ripped off of the Internet!!) (20)
2. This raster image should be sized to 72 dpi and have printed dimensions of 3 inches by 5 inches. Either portrait or landscape formats are OK. (NOTE: normally when printing you would want these to be at higher resolution, but for this particular assignment your task is to **deliberately** make them low-resolution!) **Images must not be distorted** in terms of aspect ratio, etc.!(20)
3. The final product must include the following items in addition to the placed raster image mentioned above:
 - A large font (18 pt. or higher) text heading including *your name* and the words, “CPSP218G Digital Image Processing Software Proof of Concept Exercise.” (10)
 - A block of 10 or 12 pt. text of at least five lines. The theme is “your experience in ELT so far”. The text is obviously up to you, but make sure it is something suitable to show off to parents and grandparents and the like... (5)
 - A rectangular frame framing the entire page. (5)
 - An irregular shape with curved sides drawn either in Illustrator or PowerPoint. Include:
 - Several versions of this scaled to different sizes (5)
 - And reflected across vertical and horizontal axes of symmetry. (5)
 - Make sure each one has a different color of stroke and fill, and (5)
 - Different stroke line weights. (5)
 - **PRINT OUT** and turn in a copy of your poster. (Note: If you have ready access to a color printer, use it. If not, a grayscale printout will be fine.)
 - **ALSO**, create a pdf version of this image, mounted to the Internet, and linked to your ELT page. (20)

Grading:

- These will receive grades from 100 to 0. The numbers in parentheses in the above list of requirements indicate the value for each. You do all that is required, and get a 100. Failure to do any item means that number is deducted from the grade.
- Be sure that your work is uniquely your own. If we see duplications of any elements, we will consider it cheating and send you up to be **hung, drawn & quartered** by the honor board.