**Graphic Design**

**Fall Semester 2009**

**Final Examination**

Instructions: Please read all of the test questions carefully. Accuracy in the naming of files is important and improperly named files will cost points.

***Students may use any past assignment sheets, any Video Tutorials or the Photoshop Help menu (Help>Photoshop Help) at any time, as needed.***

**PRE-TEST CHORES:**

* Create a new folder on your “firstname.lastname on violet” student folder, call it “***lastname\_\_final***.” All of the work for this final will be saved into this folder and the folder will be submitted for grading.
* Download the following files from the highlandtechnology.org website on the Graphic Design Page for today’s date. Save these files to your “***lastname\_final***” folder:
	+ *cherries.jpg*
	+ *stone\_wall.jpg*
	+ *roadsign\_problem.jpg*
	+ *monument.jpg*
	+ *hawk.jpg*
	+ *the\_snail.jpg*
1. **(IMAGE ADJUSTMENT)** Open the file named ***cherries.jpg*** in Photoshop. Using the LEVELS Command, please correct the contrast problems on this picture so as to make the cherries look bright and red again. Save the corrected picture to your “***lastname\_final***” folder as a JPEG file, call it ***fixed\_cherries.jpg***. ***(25 Points)***
2. **(TUTORIAL)** Open a new canvas in Photoshop, size 400 x 300 pixels, 72 pixels/inch resolution, white background, RGB Color Mode.
	1. Using the HORIZONTAL TYPE TOOL, write your first name in the center of this canvas, Font= Gill Sans Ultra Bold, Size= 60 pt. (or whatever size font is needed to make your name fit onto the canvas), color= green. Label this layer as “name.”
	2. Apply the following LAYER>LAYER STYLE>BLENDING OPTIONS to your name: Drop Shadow and “Bevel and Emboss”.
	3. Create a new layer, label this layer “noise.” Use the EDIT>FILL command to fill the contents of this layer with a “50 Percent Gray” fill. Apply a NOISE>ADD NOISE FILTER to this layer, Amount= 25 percent, Distribution/Gaussian, Monochromatic.
	4. On the “noise” layer, apply a FILTER>BLUR>RADIAL BLUR FILTER, Amount= 50, Blur Method= Zoom, Quality= Best.
	5. Create a new layer, label this layer “gradient”. Use the GRADIENT tool to apply a “Yellow/Violet/Orange/Blue” RADIAL GRADIENT to this layer.
	6. Apply a FILTER>ARTISTIC>ROUGH PASTEL FILTER to the “gradient” layer.
	7. Using whatever method you wish, place the image called ***stone\_wall.jpg*** on a layer in your canvas. Call this new layer “stone wall.”
	8. Set the layers of your canvas in the following order from top to bottom: Noise, Name, Stone Wall, Gradient, Background.
	9. Apply the following LAYER BLENDING MODES to your layers: Noise= Color Burn, Name= Linear Dodge, Stone Wall= Screen, Gradient= Difference, Background= Normal.
	10. Save this image to your “***lastname\_final***” folder as a JPEG image, call it “***tutorial.jpg***”. ***(50 Points)***
3. **(VISUAL COMMUNICATION)** Open the ***roadsign\_problem.jpg*** file downloaded from highlandtechnology.org. Read the instructions at the top of the page.
	1. Modify the two signs to give strong graphic representations of the concepts underneath the signs.
	2. You may use only the various basic SHAPE TOOLS available in Photoshop and the color Black (on a yellow background). NO LETTERS or WORDS! DO NOT use clipart! Please DO NOT use SHAPE TOOLS other than LINE, ELLIPSE, SQUARE and RECTANGLE!
	3. Visual impact and appropriate conveyance of the sign’s message is of utmost importance here.
	4. YOUR SOLUTIONS MUST BE SCHOOL APPROPRIATE, EVEN THOUGH ONE OF THE SIGNS DEPICTS A RATHER ADULT CONCEPT.
	5. If you do not understand all of the terms in this problem, try looking the terms up on Wikipedia.org.
	6. Save this image to your “***lastname\_final***” folder as a GIF image, call it “***roadsigns.jpg***”. ***(50 Points)***
4. **(MASKING)** Open the ***hawk.jpg*** and the ***monument.jpg*** files downloaded from highlandtechnology.org.
	1. Using any MASKING tools you wish, cut the hawk out of its background and place it into the monument picture. Please have your bird sitting on the top of the mountain.
	2. Resize your bird image and adjust contrast and color as you wish to create the most realistic looking composite picture that you can.
	3. Save this image to your “***lastname\_practice\_final***” folder as a GIF image, call it “***hawk\_mountain.jpg***”. ***(50 Points)***
5. **(TYPOGRAPHY)** Create a new canvas in Photoshop size 400 x 400 pixels, 72 pixels/inch resolution, RGB color mode.
	1. Create a new layer and FILL it with Green. Call this layer “tree”. Using the PEN TOOL, draw a basic Winter Holiday Evergreen Tree shape on your “tree” layer. Make sure to leave some room at the top and bottom of your canvas.
	2. Using the HORIZONTAL TEXT TOOL, Font- Arial Narrow, Size= 12 pt (or whatever font size is needed to fit neatly around your tree), color= Green, write out and attach as much of the song ***“Jingle Bells”*** as will fit around the edges of your tree shape, repeat lyrics if needed. If you can’t remember the real lyrics, make some up.
	3. Create a new layer, call it “star”. Using the POLYGON SHAPE TOOL or any other method that you wish, draw a yellow, non-denominational star for the top of your Winter Holiday Evergreen Tree.
	4. Using the brush tool and any appropriate colors that you wish, please decorate your Winter Holiday Evergreen Tree with some ornamentation of a non-religious and culturally neutral nature.
	5. Create a new layer, call it “merry.” Using the HORIZONTAL TYPE TOOL, font= Comic Sans MS size= 24 pt (or whatever font size is appropriate to fit onto your picture), color= Red, type the words “***Merry Winter Holidays, Mr. B.!***” across the bottom of your canvas.
	6. Save this image to your “***lastname\_final***” folder as a JPEG image, call it ***“winter\_holiday\_card.jpg***”. ***(50 Points)***
6. **(BRUSHES, USING PHOTOSHOP TOOLS)** Open the file ***the\_snail.jpg*** in Photoshop.
	1. Using ANY Photoshop tools or techniques (including brushes), recreate the look of the artwork “The Snail”.
	2. Detail counts on this project, so be as accurate as possible. Be sure to include brush strokes and textures as appropriate. Do not forget the purple brush strokes in the upper left corner and the signature in the lower right corner.
	3. Save this image to your “***lastname\_final***” folder as a JPEG image, call it ***“snail.jpg***”. ***(50 Points)***
7. **(EXTRA CREDIT):** Review the two links regarding the picture “The Snail.” In a short essay completed in Microsoft Word, using complete sentences and proper grammar, describe “The Snail.” Next, tell me whether or not you like the work and describe why or why not. For maximum points, your essay will be thorough and well thought out, with organized descriptions and points. Simply writing “The picture is stupid.” will give you ZERO points.

Save this Microsoft Word file to you ***“lastname\_final”*** folder and call it ***extracredit.doc***. ***(0-25 Points)***

1. Using “My Computer,” COPY your “***lastname\_final***” folder to the class drop box on the M: Drive. ***(25 points)***  (If necessary, see highlandtechnology.org FAQ page regarding this step)