**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 lose 10 points.*

Create a new folder on your “Firstname.Lastname on daisy” student folder, call it

“***lastname\_final***.”

***ALL FILES CREATED FOR THIS FINAL EXAMINATION WILL BE SAVED TO THIS FOLDER!***

***PLEASE NOTE: YOU CAN USE ANY RESOURCES FROM THE HIGHLANDTECHNOLOGY.ORG WEBSITE ( INCLUDING VIDEO TUTORIALS) AND ANY PROGRAM HELP MENU TO COMPLETE THIS TEST, IF NEEDED!***

**PRE-TEST CHORES:**

* 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\_final\_edition.jpg*
	+ *monument.jpg*
	+ *hawk.jpg*
	+ *the\_snail.jpg*
1. **(IMAGE ADJUSTMENT)** Open the file named ***cherries.jpg*** in Photoshop. Using the IMAGE>ADJUSTMENTS>LEVELS Command or any other appropriate commands at your disposal, please correct the contrast and color problems on this picture so as to allow the cherries to regain their natural red color. 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 400 pixels, 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 fits onto your canvas), color= green *(hex# “00a651”).* 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 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. *(hex#s “f9e600”, “6f156c”, “fd7c00” and “002874”).*
	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= Exclusion, Gradient= Linear Light, Background= Normal.
	10. Save this image to your “***lastname\_final***” folder as a JPEG image, call it “***name.jpg***”. ***(50 Points)***
3. **(VISUAL COMMUNICATION)** Open the ***roadsign\_problem\_ final\_edition.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 LINE, ELLIPSE and RECTANGLE SHAPE TOOLS as well as the PEN TOOL. You will only be using the color Black (on the yellow background). NO LETTERS, NUMBERS, SYMBOLS or WORDS! This sign MUST BE school appropriate! DO NOT use clipart or custom shapes!
	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. Save this image to your “***lastname\_final***” folder as a JPG 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 mountain/monument picture. Please have the bird sitting on the top of the mountain.
	2. Resize your hawk 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\_final***” folder as a JPG image, call it “***hawk\_monument.jpg***”. ***(50 Points)***
5. **(TYPOGRAPHY)** Create a new canvas in Photoshop size 600 x 600 pixels, RGB color mode.
	1. Create a new layer and FILL it with Green *(hex# “00a651”)*. Call this layer “tree”. Using the PEN TOOL in SHAPE LAYER mode, 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= 8 pt, color= Red *(hex# ff0000),* 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, 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, color= Red *(hex# ff0000),* 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. **(PHOTOSHOP BRUSHES)** Open the file ***the\_snail.jpg*** in Photoshop.
	1. On your canvas using Photoshop PEN tools and BRUSHES, recreate the look of the artwork “The Snail”.
	2. Detail counts on this project, so be as accurate as possible. Use brush strokes as needed to duplicate the look of the original work.
	3. Save this image to your “***lastname\_final***” folder as a JPEG image, call it ***“the\_snail.jpg***”. ***(50 Points)***
7. **(CRITIQUE AND REVIEW):** 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 arguments from the given links. 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 Extra Credit Points)***

1. Check all of your work to make sure it is completed and saved properly.
2. 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)