assignment: panorama

OBJECTIVE:
-To Pre-visualize the photographic scene as a panoramic image
Think about content; is this an appropriate scene for a panorama; look at composition; impact; originality; explore…
-To Photograph and control exposure using a digital SLR type camera
-To explore advanced Photoshop Functions

For this project you will shoot a subject of your choice. (landscape, cityscape, interior whatever you believe will make an exciting Panorama) You will present **two finished Photomerges** to the class. (we will print in class on the Epson or Canon printers using roll paper to create the panoramic effect)

turn in:
•**Two Panoramic Images**
Extra Credit: drymounted or window matted
•Place 2 finished, color corrected, touched up, Panoramas on the desktop of the Teacher Station
•Title each pano: last name_first initial_pano1 or 2.extension

For best results when shooting pictures for a Photomerge, follow these tips:
•Use a tripod, and ensure that it is level before shooting. (video people have you ever used a center column leveler?)
•If you can't use a tripod, lock your arms and legs and pivot your torso to capture all the shots.
•The camera should be kept level throughout the shooting sequence. Level to the horizon as well as front to back -try a Hot Shoe Double Bubble Level
•Line up the markings in your viewfinder with the horizon to help you keep your shots aligned when you don't have a tripod.
•Capture between 20 to 30 percent overlap between images. Overlap depends upon lens choice, -telephoto less overlap, -wide angle more overlap
•Do not change your exposure settings from one exposure to the next. Set exposure to Manual, use the same exposure for every frame. What exposure would be best for the whole scene? Set your White balance as well. daylight ect. -Take the camera off auto white balance

•Shoot scene from left to right (thats how the software will attempt to merge the pano)
•Avoid using the flash in some pictures and not in others.•Focal length and lenses -Use a consistent focal length. Avoid using the zoom feature of your camera. While taking a series of images for use with Photomerge. Avoid using lenses, such as fish-eye lenses, that cause noticeable distortion to the image. Small amounts of barrel distortion (found in many cameras at the wide-angle setting) are tolerated, but strong distortions interfere with the automatic registration process.
•Turn auto focus off. But do focus. Set the focus and leave it unchanged between frames.
•Do not use a polarizer
•Avoid scenes with moving objects in them.
•Say something with your image. Why do you need a pano vs a 3:2 proportion?
•Can you shoot the camera vertically and create a pano?

How To:
1) Shoot 3-5 images to merge (stitch together)
• If the Photomerge does not work as planned you will need to reshoot
2) Download your images to the computer
3) Process the images in Photoshop or ACR
• Color correct, clean up the images if needed, dust etc…
4) IN PS if images are open, File – Automate – Photomerge
IN Bridge you can select the images Tools – Photoshop – Photomerge
5) The will happen. Hopefully
•••Most of you will have great success. Photomerge in CC is great. have fun with this project.
6) Add effects if desired.
(option) Create that Gallery Style Print
(border, title, ©, year, photographers name(you))
© = option "g" on the mac keyboard
© = Alt+0169 on the PC keyboard
how to: Panorama
https://helpx.adobe.com/photoshop/using/create-panoramic-images-photomerge.html

https://helpx.adobe.com/photoshop/how-to/photoshop-panorama.html

http://www.tricedesigns.com/2013/11/06/amazing-panoramas-in-10-easy-steps-with-adobe-photoshop-cc/

http://www.adobepress.com/articles/article.asp?p=2418154

7) **Print the Images** (You can format your file to 40 inches on the longest side.

-Tripod Accessories
Bogen Compact Leveling Head 3502
Bogen Leveling center Column 554, 555, 556
Bogen / Manfrotto 337 **2 Axis Flash Hot Shoe Double Bubble Level**

Video Finding the Nodal Point (no parallax point) of your lens
http://www.youtube.com/watch?v=k0HaRZi-FWs

What is Parallax?
http://www.panoguide.com/howto/panoramas/parallax.jsp

This is cool!
http://gigapan.com/

http://news.cnet.com/8301-11386_3-57611859-76/for-true-panoramic-images-toss-this-camera-in-the-air-seriously/

http://www.peakpanoramas.co.uk/

Artists
Byrd Williams http://www.afterimage.com/williams.htm

Pentti Sammallahti
http://www.photoeye.com/Gallery/forms/index.cfm?
image=1&id=68149&imagePosition=1&Door=1&Portfolio=Portfolio1&Gallery=1&Page=

Jonathan Long
http://www.photoeye.com/Gallery/forms/index.cfm?
image=1&id=185583&imagePosition=1&Door=2&Portfolio=Portfolio1&Gallery=2

Hans Bol
http://www.photoeye.com/Gallery/forms/index.cfm?
image=1&id=185583&imagePosition=1&Door=2&Portfolio=Portfolio1&Gallery=2

Jane Alden Stevens
http://www.photoeye.com/Gallery/forms/index.cfm?
image=1&id=17961&imagePosition=1&Door=2&Portfolio=Portfolio1&Gallery=2

http://www.gcollier.com/Mural-Size-Photos.html

http://www.hongkiat.com/blog/panoramic-photography-30-breathtaking-photos/

http://www.360cities.net/

http://tutsplus.com/tutorials/search?utf8=%E2%9C
%93&search[topic]=&search[terms]=Panorama&button=

Toy cameras are cool TOOOO!!!   Lomography Spinner 360°
http://shop.lomography.com/us/cameras

-Pano websites

http://www.bophoto.com/lessons/pano-by-hand.html

http://harrysproshop.com/Tripods/panorama/panorama.html
http://studio.adobe.com/us/tips/tip.jsp?p=1&id=101941&xml=phscs2at_photomerg