

PS: Multiplicity

Photo 11 & 12

Goal:

Take and Combine 4 photos into 1 final image.

First:

Check out the following link: "Multiplicity Photography Tutorial" from the 'Photo Extremist':

<http://www.youtube.com/watch?v=3spT03p0XAQ>

Also Known as:

- Multiplicity Photography
- Sequence Photography (in sports)
- Cloning



TIPS:

- Use a Wide Depth of Field (High Aperture Setting).
- Use Manual Focus.
- Use a tripod and a friend to help work the camera.

Steps (Entire Process):

1. Find a suitable location for your photo shoot.
2. Set up your camera on a TRIPOD.
3. Plan your series of photos within the frame of your shot.
4. Focus on your entire location (all should be in focus)—switch camera to manual focus (so that the focus does not change)
5. I suggest you use Shutter-priority (if you are planning on swift movement) or Auto
6. Use the 'self-timer' or a friend to take the photos you planned.
 - a. Make sure you DON'T overlap yourself!!!
 - b. Avoid ANY shadows—look for even LIGHTING
 - c. Change your facial expression to reflect your "other selves"



Photoshop Steps

1. Upload photos on to your Desktop (back-up onto OneDrive)
2. File → Scripts → Load files into stack
3. Browse → Select the photos that you took → click 'OK'
 - a. If you didn't use a tripod click → "Attempt to automatically align images", this may take a few seconds to fully load the layers.
4. **Select Each Layer & Add a "Layer Mask" to each one** (the button is found on the bottom on the layer drag your mouse over it and a text box will show up that says "add a layer mask")
5. Do this to each photo.

- 6. Select the top Layer Mask.**
7. Change the white layer to black.
 - a. Selecting the brush tool.
 - b. Select the black colour swatch (make sure this is the colour on top—shown on the bottom left tool bar)
 - c. Change the paintbrush size so that it is larger (toolbar on the top of the screen will change the diameter)
 - d. Erase (Brush over) yourself.
 - e. Use different brush types to soften and blend out yourself in the top layer mask.
8. Invert the Layer Mask by pressing Command + i.
9. **Repeat steps 7 & 8** for the remaining photo layers (EXCEPT your last image layer!)
10. LAYER → Flatten Layer (this combines all the layers)
11. Crop out any unnecessary or unimportant.
12. You have now created a “Multiplicity” photo of yourself!

Criteria

Photo Technique (9 marks)

- Single frame with consistent lighting.
- Clear use of Deep (Wide) Depth of Field – *‘Everything is in focus’*.
- 4 focused, unique photos of subject with the framed scene.

Photoshop Technique (9 marks)

- Properly blended photos – clear use of Layer Masks and Brush tools.
- All 4 photos Flatten into 1 image.
- Final image exported to .JPG format.

Total Value: 18 marks