

Extra Credit (25 points)
“Multiplicity” effect — clones of a person or object

This effect combines multiple photographs of the same person or object into one frame.

1. Come up with a creative scene. A common one is the same person doing multiple things at a playground.
2. Put camera on tripod and frame the scene. Manual exposure and focus.
3. Get exposure for brightest part of the frame.
4. Using a 10-second timer or friend, start shooting with the subject in different spots. Be aware that if there is overlap, it will be a little tougher to Photoshop.
Shadows can also make it trickier (make sure the subject doesn't stand where a shadow should be).
Make sure the camera doesn't move.
5. Back at the computer, load into Lightroom.
6. We need all the photos loaded into Photoshop into one document.

You can do this from Lightroom by selecting the shots and right clicking. There should be an option **“Open as Layers in Photoshop.”** (If you're working with RAW files, it might bring you into Camera RAW before Photoshop, but just hit the OK button until you're in Photoshop.)

7. To start revealing the content of different layers, we need to add a layer mask.

The way this effect works, it's actually easier to **hide the whole layer** (except the background) and reveal only the subject.

So, with each layer except the bottom, hold **option**, then click the **“Add layer mask”** icon at the bottom of the layers menu.

This hides everything on that particular layer. We'll have to reveal the parts we want....

8. To reveal certain parts, the layer mask (white rectangle next to the thumbnail photo on the layer) should be selected (otherwise you'll be painting on the layer itself). Hit **“B”** for brush. Make sure your foreground color is white
9. Start painting to reveal specific parts of the layer. Repeat this step for any additional layers.
10. If you make a mistake, paint black to hide parts of the layer (**“X”** switches your foreground and background colors).
11. Keep working the image!