

In class exercises

Create one blog post and add a short observation for each of the following exercises:

On the course's openLab page (<http://openlab.citytech.cuny.edu/groups/introduction-to-interactive-media-technologies-production-practices/>), under "Files", you will find four digital images to work with. For each of these images, click on the image name. This will open the image in a new tab. Left-click on the image and select "Save Image to the Desktop" from the pop-up menu. Create a folder on the desktop and drag all the images into it.

1. GIF VS. JPEG

Open the image named "Redwoods.jpg" in Photoshop. Save it as a GIF in your folder (File > Save for Web and Devices > GIF > Save). Open the GIF you've just created in Photoshop, alongside the original image. Zoom to 400% into both images. What do you notice?

2. PPI

Open the image named "Truck-300.jpg" in Photoshop. Go to Image > Image Size. Uncheck the "Resample Image" box. Change the PPI (pixel/inch) number from 300 to 72. Save the image to your folder, renaming it as "Truck-72.jpg". Open both images alongside each other. What do you notice?

3. PRESETS

Open the image named "Flower.jpg". Choose "Save for Web and Devices" to experiment with saving them to your folder with different settings from the "Preset" menu (the dropdown menu on the top right) — JPEG high, JPEG low, GIF 128 dithered, not dithered, etc... What do you notice?

4. RESIZING

Open the image named "Dog.jpg". Go to "Image" > "Image Size". Make sure the "Constrain Proportions" box is checked. Change the width of the image to 600. Save the Image to your folder, renaming it as "Dog-constrained.jpg". Re-open the original image. This time, uncheck the "Constrain Proportions" box before changing the width of the image to 600. Save the Image, renaming it as "Dog-notConstrained.jpg", to your folder. What do you notice?

5. CROPPING

Open the image named "Dog.jpg". Crop it, but make sure the viewer can still understand that the picture is that of a dog. Use the "Marquee" tool (Left menu, 2nd from the top) to select the area you would like to crop. Go to "Image" > "Crop". Save the image to your folder, renaming it "Dog-cropped". Include this image in your blogpost.