

exercise::06

Applying Image Adjustments

● = Indicates a step for which the instructions have not been completely presented.

1. Locate a folder called `Lab_Resources_06` in the instructor's Handouts folder on XServe (XServe > Class Folders > FALL 09 > VC 114 > Handouts). Rename the folder on your computer using your name in the following format:
`lastname_firstname_06`.

2. Open the `Color_on_the_Beach.psd` file in Photoshop.

- 3. Your task for this file is to change all of the colored flags to a single color—magenta. There is an instructions layer in the Photoshop file that highlights the flags you are to match (Do not use the Colorize option—it does not produce the result we are looking for).

Repeat the following steps until all of the flags are magenta in color:

- a. Make a selection of the colored, inside part of a flag (or flags). You may use any selection technique you want (The Quick Selection or Magic Wand tool are particularly good for this exercise).
- b. Create a Hue/Saturation Adjustment Layer (by way of the Adjustment panel or the Layers panel). By doing this while you have an active selection, you are creating a Layer Mask, which confines the adjustment to a specific area of the image. Give your Adjustment Layer a meaningful name so that you can edit later if needed.
- c. Adjust the Hue and Saturation settings so that the flag matches the magenta flags as closely as possible.

4. Save your work and close the file.


5. Open the `Harp_seal.psd` file in Photoshop.

6. Double-click on the Background layer and name it *Original Image*. This changes the Background into a true layer.

7. Select Layer > New Adjustment Layer > Levels... menu to create a new Adjustment Layer. Name it *Levels Single*.

- 8. Adjust the Highlight and Shadow points of the Input Levels of the combined RGB channel until the image is improved visually.

9. Toggle the visibility of the Adjustment Layer, comparing the original image to the corrected image. If further adjustments are required, double-click on the Adjustment Layer icon and make your changes.

10. Hide the Adjustment Layer *Levels Single*, and create a new Levels Adjustment Layer. Name it *Levels Multiple*.
- 11. Adjust the Highlight and Shadow points of the Input Levels of **each individual color channel**—NOT the combined RGB channel—until the image is improved visually (This is different that Step 5). Use the Histogram of each channel as your guide in adjusting the Input Levels.
12. Toggle the visibility of the Adjustment Layer, comparing the original image to the corrected image. If further adjustments are required, double-click on the Adjustment Layer icon and make your changes. Also compare how the color correction you applied to just the composite RGB channel differs from the correction applied to the individual channels.
13. Save your work and close the file.
- 14. Repeat Steps 6 through 13 on each of the remaining images in the folder: *Thistle.psd*, *Grand_Canyon.psd*, *Mt_Adams.psd*, *Slippers.psd*, *Donuts.psd*, & *Middle_East.psd*
15. Open the *Middle_East.psd* file in Photoshop worked on previously. Hide all existing adjustment layers.
16. Select Layer > New Adjustment Layer > Curves... menu (or use one of the other new Adjustment Layer methods) to create a new Adjustment Layer. Name it *Curves Multiple*.
- 17. Adjust the Highlight and Shadow points of the Input Levels of **each individual color channel**—NOT the combined RGB channel—until the image is improved visually. Use the Histogram of each channel as your guide in adjusting the Input Levels. (When we use Curves in this way, they behave in exactly the same manner as Levels).
- 18. Still in the Curves adjustment, go to the composite (RGB) curve, and increase the overall contrast of the image by **steepening the curve where most of the image information lies**. When in the Adjustments panel, it might help to use the On-image Adjustment tool () in conjunction with the Histogram to locate on the curve where the bulk on the image data falls.
19. Copy the folder containing your work for this lab to the instructor's Drop Box on the XServe (XServe > Class Folders > FALL 09 > VC 114 > Drop Box). This lab is due at the end of class.