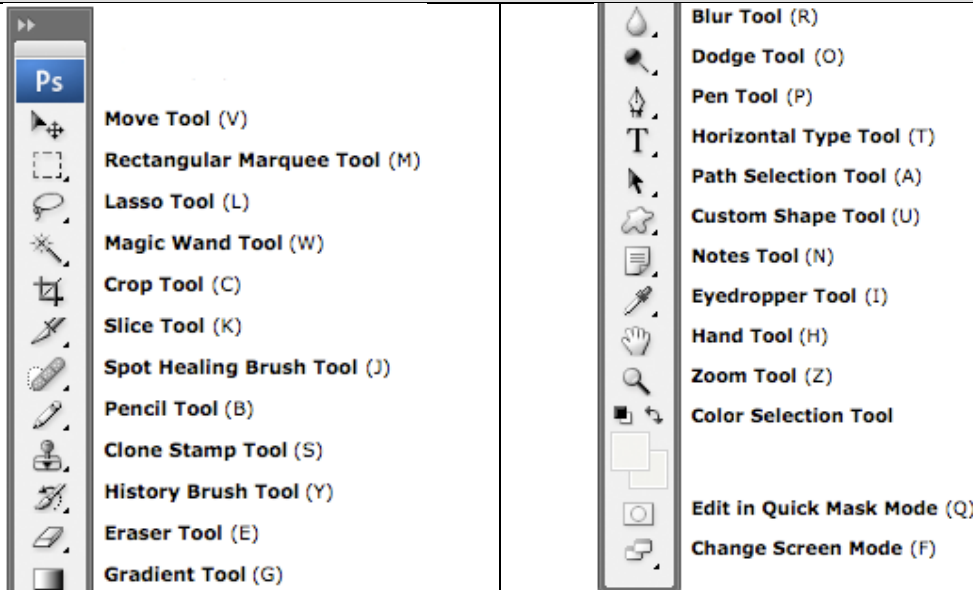









Photo Editing Techniques with Photoshop


*This handout references files indian_scan.tif and indian_final.jpg.
If they were not already provided, they can be downloaded here: <http://j.mp/umindian>*

| Open Photoshop | |
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| Browse to the software | <ul style="list-style-type: none"> • Windows (PC): Start → All Programs → Adobe Master Collection CS4 → Adobe Photoshop CS4 • OS X (Mac): Finder → Applications → Adobe Photoshop CS4 → Adobe Photoshop CS4 |
| Tools and Workspace | |
| Tools Palette (with keyboard shortcuts) |  <p>The screenshot shows the Photoshop Tools Palette with the following tools and shortcuts:</p> <ul style="list-style-type: none"> Move Tool (V) Rectangular Marquee Tool (M) Lasso Tool (L) Magic Wand Tool (W) Crop Tool (C) Slice Tool (K) Spot Healing Brush Tool (J) Pencil Tool (B) Clone Stamp Tool (S) History Brush Tool (Y) Eraser Tool (E) Gradient Tool (G) Blur Tool (R) Dodge Tool (O) Pen Tool (P) Horizontal Type Tool (T) Path Selection Tool (A) Custom Shape Tool (U) Notes Tool (N) Eyedropper Tool (I) Hand Tool (H) Zoom Tool (Z) Color Selection Tool Edit in Quick Mask Mode (Q) Change Screen Mode (F) |
| Set your workspace to “Essentials” | <ul style="list-style-type: none"> • Click on the grey button in the top-right hand corner and select Essentials  <ul style="list-style-type: none"> • This resets your workspace to display the essential windows and tools which we will be using |


| indian_scan.tif & indian_final.jpg | |
|--|---|
| Open both images | <ul style="list-style-type: none"> • File → Open → Browse to files... → Open <ul style="list-style-type: none"> ○ Repeat for 2nd image |
| Visually compare the images Consider viewing them side-by-side | <ul style="list-style-type: none"> • What differences do you find between them? • Is one clearer than the other? • Does one look larger than the other? • Why are the file sizes so different? |
| <p>Let the fun begin!</p> <p>The following adjustments can be made to the indian_scan.tif file in any order. Consider this section a “cheat sheet” for figuring out what is different between the two images and learning how to make the correct adjustments. Try to figure them out on your own first and then use this as a guide to assist with learning the tools.</p> | |
| <p>Cropping</p> <p>Cutting out or trimming unneeded portions of an image</p> | <ul style="list-style-type: none"> • Select the Crop Tool  from the Tools Palette • Click and drag a box on the image, over the section you wish to keep <ul style="list-style-type: none"> ○ The section of the image to be removed darkens • Make any final tweaks needed by dragging the handles  <ul style="list-style-type: none"> • Press Enter/Return to apply the crop |
| <p>Remove crease/dust/scratches</p> <p>This technique can also be used to remove skin blemishes</p> | <ul style="list-style-type: none"> • Zoom into the photo to make this step easier <ul style="list-style-type: none"> ○ Select the Zoom Tool  from the Tools Palette ○ Click on the photo to zoom in ○ Option + click (Mac) or Alt + click (PC) to zoom out ○ To move around the image, either use the scrollbars on the right and bottom sides of the photo or use the Hand Tool from the Tools Palette <ul style="list-style-type: none"> ▪ Click and drag on image to move |

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| | <ul style="list-style-type: none">• Select the Spot Healing Brush Tool  from the Tools Palette• Locate a crease/dust/scratch you wish to remove• Decrease/Increase your brush size so it is just slightly bigger than the element you wish to remove<ul style="list-style-type: none">○ Click on the brush dropdown window near the top-left corner of your workspace○ Drag the top slider left and right to adjust size  <ul style="list-style-type: none">• Click or click and drag over elements you wish to remove<ul style="list-style-type: none">○ The tool will automatically sample the pixels around the element to remove it○ If the results are not desired, undo (Edit, Undo) the edit and try again (perhaps with a different brush size) |
| Sharpen | <ul style="list-style-type: none">• Click on Filter at the top of your screen in the menu bar• Go down to Sharpen• Select Sharpen |
| Color correction This technique can also be used to change the mood of your image by making it cooler (blue) or warmer (orange/yellow) | <ul style="list-style-type: none">• Select the Color Balance Tool  from the Adjustments Window on the right hand side of your screen• Drag the sliders toward the colors you want more of<ul style="list-style-type: none">○ In return, you will see less of the color on the opposite side |






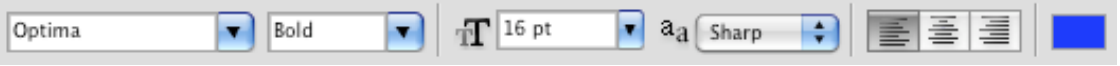
- Try **selecting** each of the **tones** and **dragging** the **slider**
 - Shadows = adjusts darker areas
 - Midtones = adjusts medium areas
 - Highlights = adjusts brighter areas
- Do your best to make the colors match the indian_final.jpg image
 - Hint: the indian_scan.tif image is very red...
- When you are finished, **click** on the **return arrow**  in the bottom-right hand corner of the **Adjustments window** to return to the **Adjustment List**

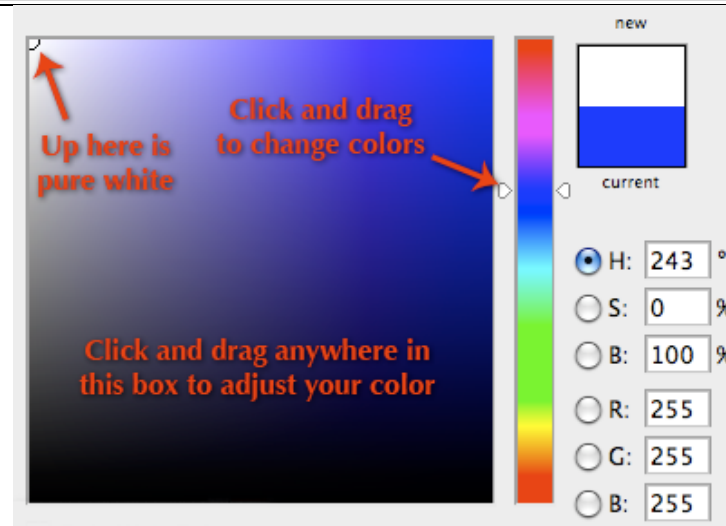
Brightness/Contrast

- Select the **Brightness/Contrast Tool**  from the **Adjustments Window** on the right hand side of your screen
- Like the **Color Balance Tool**, **drag** the **sliders** toward the adjustments you wish to make



- **Dragging** to the **left** will give you less brightness/contrast

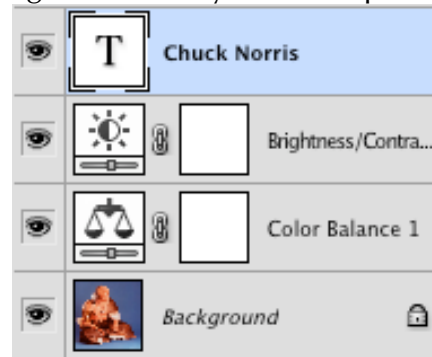
| | |
|--|---|
| | <ul style="list-style-type: none">○ Dragging to the right will give you more brightness/contrast• Do your best to make the brightness/contrast match the indian_final.jpg image<ul style="list-style-type: none">○ No hints for this one!• When you are finished, click on the return arrow  in the bottom-right hand corner of the Adjustments window to return to the Adjustment List |
| <p>Adding text</p> <p>For fun, feel free to adjust the font (Optima), style (Bold), size (16 pt), anti-aliasing (Sharp), and alignment (left)</p> | <ul style="list-style-type: none">• Select the Horizontal Type Tool  from the Tools Palette• Click on the image where you would like to place the text<ul style="list-style-type: none">○ Type your name or something intriguing• To change the color of your text, continue using the Horizontal Type Tool and click and drag over the text<ul style="list-style-type: none">○ All of your text should be highlighted  <ul style="list-style-type: none">• The Text Toolbar at the top of your screen will now let you adjust the selected text's attributes  <ul style="list-style-type: none">○ Click on the box in the Text Toolbar (blue box in this ↑ example)<ul style="list-style-type: none">▪ The color of this box will vary○ Use this Color Palette to select white as shown on page 6 |




- Click **OK** to apply the new color

Adding a drop shadow

- Be sure your **text layer** is selected from the **Layer Window** in the bottom-right corner of your workspace

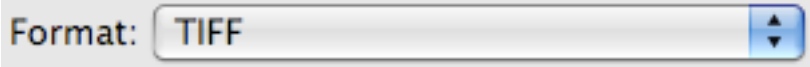
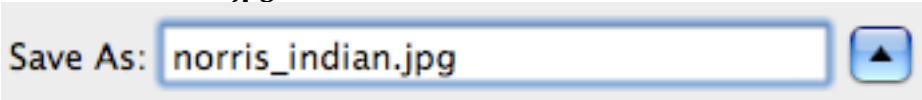


- Click on the **Layer Style button**  at the bottom of the **Layer Window**
 - Select **Drop Shadow...**
- Leave all the settings as default and **click OK**

For fun, feel free to explore the options

Saving

- You may have noticed that the original (indian_scan.tif) image is a different file format than the final (indian_final.jpg) image

| | |
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| | <ul style="list-style-type: none">○ TIFF files are larger in file size than JPEG files and are often used for print (higher quality)○ JPEG files are used more often on the web for viewing photos• To save this file as a JPEG image, click File → Save As... from the menu bar in the top-right hand corner of your workspace• Click on the dropdown menu where it says TIFF ○ Scroll up and select JPEG• Click in the file name box at the top and rename the image to lastname_indian.jpg • Browse to your save location (if needed) and click OK• Leave the JPEG Options as default and click OK |
| Congratulations! You're done! | |

Other resources:

LSA Instructional Support Services
Center for Research on Learning and Teaching
Faculty Exploratory

<http://lsa.umich.edu/iss>
<http://crlt.umich.edu>
<http://lib.umich.edu/exploratory>

Follow up with your instructor:

Chase Masters
734.564.9416
mastersc@umich.edu