PHOTOSHOP FOR PHOTOGRAPHERS

Part 3 Image Refinements

Curves

1. Open **02-Skokie-Lodge_MG_2006.jpg**
2. The first thing we need to know is where the darkest and lightest areas of the image are. Go to **Image/Adjustments/Threshold**. Move the slider to the far left until almost all of the black disappears. Remember the darkest area. Move the slider to the right and remember the lightest area. CANCEL THRESHOLD WITHOUT OK.
3. Keyboard **<Ctrl+M>** to bring up the Curves palette.
4. 3 eyedroppers appear at the lower left area of the panel. Click the **Black** eyedropper on the darkest area of the image, and the **White** eyedropper on the lightest area. Use the **Gray** eyedropper on the snow covered bench in the lower right corner. Click **OK**.
5. Get the **Lasso** tool from the **Toolbox** and draw a selection around the dark area of the canopy ceiling.
6. Go to **Select/Feather** in the main menu, and type 15 for the Feather radius.
7. Keyboard **<Ctrl+M>** to bring up the Curves palette again.
8. While holding down the **<Ctrl>** key, run the cursor over some of the lightest areas of the dark selection while also holding down the left mouse button.
   Notice the dot that moves up and down the line on the graph.
9. When you see the Dot reach a high point (still fairly low on the graph), release the mouse button.
   10. Using the **up and down arrow keys**, raise the curve upward until you see a pleasing tone of shadow areas in balance with the rest of the image.
   *(Hint: to properly visualize the image, make the marquee invisible by keyboarding **<Ctrl+H>**. The selection remains active, but out of the way.)*
11. Certain areas are now a bit too light. So as above, run the cursor over the lightest area and release the mouse button where appropriate. Use the down arrow key to bring the lightness into balance. Click **OK.**

Hue Saturation

1. With **02-Skokie-Lodge_MG_2006.jpg** still open, keyboard **<Ctrl+U>** to bring up the **Hue Saturation** palette.
2. Move the middle slider (Saturation) to the right until it reaches **20**. Too much red and it's killing the greens?! Then bring the slider back to **0**.
3. Go to the pull-down menu at the top of the palette and click on **Yellow**. This will increase the saturation of only yellow. Now move the middle slider over to **30**. We can go a little more than our self-imposed limit of 20 here because we are saturating only one color. Overall it looks pretty good with much better greens. Click **OK**.

Basic Tools

TOOLBOX
Selection tools (Lasso, Magic Wand . . .) and masking techniques to refine a selection
1. Open Image **07-Banff-10D-6695-032406_Reduced.jpg** and **11-Backyard-Clouds_IMG_9345.jpg.** Activate **Image 07-Banff…** and select the **Magic Wand** tool from the **Toolbox**.
2. Click in the middle of the sky area of image **07-Banff…**
   Notice that most, but not all, of the sky area is now selected. First we will tackle the unselected areas of the spaces within the trees.
   Enlarge the tree areas and fill in the spaces using the **Magic Wand** tool.
3. Deselect the "snow" areas along the mountaintop that were accidentally selected. Click on the **Lasso** tool in the **Toolbox**. Go to the "snow" areas. Hold down the Alternate key **<Alt>** while you click and drag along the area of the mountaintop that would be snow. Continue dragging a circle within the mountain area back to the starting point.
   This will subtract the "snow" areas from the sky selection.
   You now have the sky ready for a "Paste-Into."

4. Before going any further, go to **Select/Save** Selection, and save as **"Sky."** We will use this selection later.

PASTING INTO
1. Activate image **11-Backyard-Clouds_for pasting_9345.jpg**
2. Select all of the image by keyboarding **<Ctrl+A>,** then **<Ctrl+C>** to copy it.
3. Re-activate **07-Banff…** and go to **Edit/Paste Into** or simply keyboard **<Ctrl+Shift+V>.** Image **11-Backyard-Clouds…** now appears within the selected sky area.
4. Click on Toolbox's **Move** tool (upper right arrow icon). Use it to click and drag the pasted image into a desirable position.
5. Flatten image and close **11-Backyard-Clouds…**

DODGING & BURNING
1. Click-and-hold mouse button on the **Dodge/Burn/Sponge** position in the **Toolbox**. Select the **Dodge** tool.
2. At the top of the screen on the **Options bar**, click on the **Brush** pull-down arrow and make sure the **Hardness** is set to "0."
3. Set the **Range** to Midtones, and the **Exposure** to 10%, and test it on the pine trees. Then dodge the darkest areas of the pine trees.
4. If you should accidentally lighten a spot too much, hold down the **<Alt>** key and click-drag over the same spot. *Holding down the alternate key reverses the dodge or burn tool.*

SHARPEN & BLUR
1. With **07-Banff…** still active, go to **Filter/Sharpen/Smart Sharpen** and Sharpen at 85% only once.
2. Go to **Select/Load Selection**. When panel appears, click **OK**.
3. Go to **Filter/Blur/Surface Blur** and set Radius: 3, Threshold: 10. Click **OK**. Then keyboard **<Ctrl+D>** to deselect the sky selection.
4. Almost finished! In **Toolbox,** get the **Blur** tool. Option bar will appear at the top of the screen. Set the **Brush** to 4, **Mode** to Normal, and **Strength** to 70%.
5. Enlarge the mountaintop to at least 300%. Click and drag the **Blur** tool over the edge of the mountaintop to soften the hard edge left by the selection tool. Deselect **<Ctrl+D>** when finished.
6. Often the edges still have a color rim such as our current example. Select the **Paint Brush** tool from the **Toolbox** and set **Option Bar** settings to: **Brush: 5**, **Mode:** Color, **Opacity:** 70%, **Flow:** 100%. Set the color by holding the **<Alt>** key down and clicking the cursor on a nearby color within the mountain area. Repeat this color selection as the color of the mountain changes throughout the image. Then run the cursor over the same edge as before, or wherever the rim color is obtrusive.

SAVING FILES
Save as .tif for printing, as .jpg for internet, as .psd if preserving layers or selections.

Retouching

RED EYE REMOVAL
1. Open Image 10-Billy-and-Erin _DSC01813.jpg.
2. Open the "Red Eye tool." It's located in the *"Band-aid"* drawer of the Toolbox.
3. Place the cross-hairs over the red pupil and click.
I'm glad we got that over-with!

REMOVING ZITS & SPOTS WITH BAND-AID
1. This one's another no-brainer. Go to the Toolbox and click on the Band-aid (real name: Spot Healing Brush Tool) and use it to remove any dust or undesirable spots.
2. Adjust the size of the circle to just larger than the size of the spot to be removed and click on the spot. *Shazam! It's gone.*

SLIMMING FACIAL FEATURES WITH DODGE TOOL
1. With image **10-Billy-and-Erin_DSC01813.jpg** still open, use the **Burn** tool from **Toolbox**, with option bar settings: **Brush:** 250, **Range:** Midtones, **Exposure:** 4%.
2. Slowly brush in the sides of the face from the outer jawbone into the cheek as if you were applying makeup.

WHITEN EYES AND TEETH WITH PAINT BRUSH AND COLOR
1. Open **09-Shirley-00611-15-04.jpg** and set Paint Brush tool settings (option bar) to: **Brush:** 10, **Mode:** Color, **Opacity**: 50%, **Flow:** 100%.

2. Paint over teeth with cursor to change color to gray-down yellow cast. Do same with the whites of the eyes.

USING "LIQUIFY" TO CHANGE A SMILE JUST FOR FUN!
1. While **09-Shirley-00611-15-04.jpg** is still open, go to **Filter/Liquify**.
2. A new window will appear with its own **Toolbox.** Click the uppermost "hand" icon.
3. On the right side of the window in the **Tool Options** box, be sure the settings are: **Brush Size:** 113, **Brush Density:** 50, **Brush Pressure:** 100, **Brush Rate:** 80**, Turbulent Jitter:** 50, **Reconstruction Mode:** 50.
4. Place the cursor circle in the corner of the mouth and drag upward. Then tweak the eyebrow upward slightly. *After that one you might want to undo before someone catches you. So here are the Undo, Redo shortcuts:*

UNDO/REDO (<CTRL+Z>, < CTRL+ALT+Z>, <CTRL+SHIFT+Z>)
•. **Undo** 1 step back: **<Ctrl+Z>**
• **Undo** 2 or more steps back: **<Ctrl+Alt+Z>** and repeat for as many steps as you want.
• If you went one-to-many steps back, then **Redo** one step: **<Ctrl+Shift+Z>**
• **Redo** 2 or more steps forward: Repeat **<Ctrl+Shift+Z>** for as many steps as you want.

HISTORY PALLET
1. If you want to go back to a definite step in the sequence, but not sure how many steps, then go to **Window/History** and click to open the **History** pallet with a list of every step you made.
2. Simply click on the operation just before you went astray.
3. Too far back? Then go down to the "grayed" steps and click on one you think to be correct.

Image/Adjustments

Here are some of the basic adjustment pallets. They are each controlled by sliders and/or keyboard entries.
• Color Balance: **Image/Adjustments/Color Balance** or keyboard **<Ctrl+Z>**
• Brightness/Contrast: **Image/Adjustments/Brightness Contrast** (seldom used—no shortcut established)
• Hue/Saturation: **Image/Adjustments/ Hue Saturation** or keyboard **<Ctrl+U>**
• Photo Filters: **Image/Adjustments/ Photo Filter** (no shortcut established)
• Shadow Highlight:
  1. Open Image **11-Shadow-Highlights_Edison-House_6862.jpg**.
  2. Go to **Image/Adjustments/ Shadow-Highlights.**
  3. Bring the **Amount** slider back to **"0"** (top slider in the "Shadow" box).
  4. In the Highlights box, bring the **Amount:** to 5**0%**, and the **Tonal Width:** to 1**00%**.
  5. In the Adjustments box, bring the Color correction slider to **-100**, and the **Contrast** slider to **0** and then slowly back to the right until you see a satisfying contrast. My guess: -68. Click **OK**.

  *To compare using **Shadow/Highlight** with using **Curves** to do the same thing, open another copy of **11-Shadow-Highlights_Edison-House_6862.jpg** and work the shadows and highlights as you did with **Curves** at the begining of this Part. Once you are familiar with Curves well enough, you will probably opt for its speed and control.*

CHANNEL MIXER: MAKING AN ANSEL ADAMS STYLE B&W CONVERSION.
1. Open Image **12-Smokey-Bones-0009-Jackson-Hole-ranch-house.jpg**
2. Go to **Image/Adjustments/Channel Mixer**
3. In **Channel Mixer** panel, check **Monochrome** box in lower left corner.
4. Notice the Red slider is set at 100%. You may move any of the sliders to the "+" or "-" side as long as the total of the three colors add up to (or close to) 100%.

As always, if you have any problems working with these lessons, please call me at 407-658-4869. Best times are Tuesday, Thursday, and Friday between 7:30 and 9:30 PM.