DIGITAL PHOTOGRAPHY INTERMEDIATE
Week #2 Advanced depth of field, filters, color theory, pre-visualization and digital book layouts

Pre-Visualization
Planning an image before shooting
Knowing what you camera and print materials will do

Filters in Digital Photography
Most digital photographers adjust small color changes in Photoshop Elements rather than with filters.
Automatic White Balance will correct and remove minor color filter effects
Filters such as gradual grays, neutral density and polarizers are difficult to impossible to re-create digitally.
Some pocketable cameras without filter threads offer an add-on accessory for filters.

No Filter

Polarizer

Advanced Depth of Field
As explained in Beginning Digital class, more useful with large sensor cameras
New info: DOF decreases with close focusing and increases as you approach infinity
Macro or closeup DOF can be adjusted by focusing ½ way between "subject close" and "subject far" points.
Nearer to infinity, DOF can be adjusted by focusing 1/3 from closest subject point and using small f/stop.
Apparent DOF can be decreased by using a telephoto lens setting and increased by using a wide angle lens setting

Color Theory

Scenes with analogus colors are typically soft and calming
Scenes with split complimentary colors hold moderate excitement
Scenes with complimentary colors are typically exciting and even "jarring"

analogous colors

Split-Complementary

Complimentary Colors
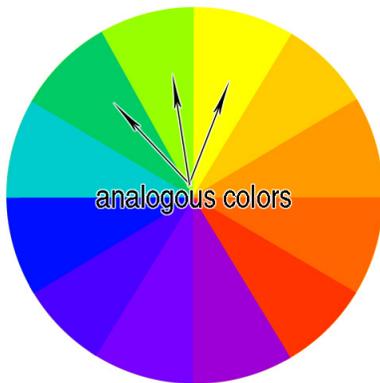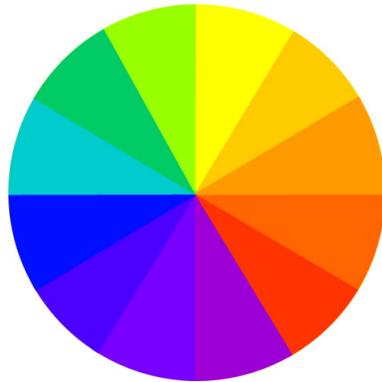
Analogous Colors
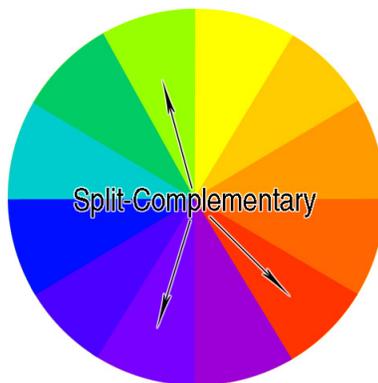
Split-Complementary

Complimentary

Break

Photoshop Elements Digital Books
Alternative (probably better) options to Photoshop Elements for books are My Publisher
(http://www.mypublisher.com/) and Apple's iPhoto

1) Launch Adobe Photoshop Elements 11
2) Select "Organize" mode in first screen
3) If your catalog is empty, skip to step 4. If there are images in the default catalog: Go to Edit > Select All and then Edit > Delete Selected Items from Catalog. You should now have an empty catalog.
4) Load your project images. Go to File > Get Photos and Videos > From Files and Folders. Navigate to the 6-vacation folder in Tom's file. Select all images in that folder. Make sure "Fix Red Eye" and "Suggest Photo Stack" are both un-checked. Hit "Get Media".
5) Select all of the images in your catalog Edit > Select All
6) Select "Create" (below the "Windows" menu), then select "Photo Book". In the next screen, you will have different choices depending on the setup of your copy of Elements. Select "Print with Local Printer" for classwork.
7) In the next screen you should have your images across the bottom (project bin) and a dialog pallet on the right. In the dialog select "Chose Photo Layout" and then "1 Landscape" for both left and right pages. Hit "Next".
8) In the next dialog choose "No Theme" and make sure both "Auto-Fill" and "Include Captions" are un-checked. Enter 8 for the number of pages. Hit "Create"
9) After pages are setup by PSE, you will be looking at a black page 1 with the words "Click here to add Photo". Drag your choice of image from the lower "Project Bin" onto the "Click Here" words.
10) Notice the size/crop slider above your image. This allows you to resize the image "within" the existing frame. Hit the "check mark" when you are done or the "X" to cancel what you've done. You can return to this tool at any point by "right clicking" on an image and selecting "Position Photo In Frame".
11) Use the forward arrow (just above the Project Bin") to navigate to the next. We are going to put 2 images on this page.
12) Add an image to the second page (see steps 9 and 10)
13) Drag the image you want as your second image from the project bin onto a BLANK part of the current page (NOT onto the picture, onto a black area). This second image will be "on top" of the original image.
14) Arrange and size the two images as you wish.
15) Select next page using the forward arrow (just above the "Project Bin"). We are going to put 2 more images on this page plus some text, making sure to leave some white/blank space under each image for text.
16) Add the two new images, as you did above, remembering to leave room below them for text.

17) Hit the "default" black and white overlapping squares at the bottom of the tools panel (this will set your text color to black).
18) Select the Type tool (T shape in the tools panel). Make sure the tool is set to "Horizontal" in the tools option (with the triangle on the lower right of the tool).
13) Click on your page and enter your text.
14) To adjust the size or font, click once within the text with your type tool. Then click twice quickly to select an entire word, or click 3 times quickly to select the entire sentence. Once the text is selected you can adjust the size. Weight and font face with the Tool options near the top of the screen.
15) To adjust the placement of the text, switch to the "Move Tool" (4 way arrows at the top of the tools panel). Make sure the text thumbnail is selected. Make sure "Auto Select Layer" is turned OFF in the tools options (under "Full Edit"), you can now click and drag your text.
16) Repeat above to add text under your second image

HOMEWORK:

1) *One or more prints deliberately using a large or small DOF.*
2) *One or more prints deliberately using color theory.*
3) *One or more pages setup for book (printed on inkjet is fine, no need to have book printed!)*

Note: If you have a "hot shoe" flash unit, bring it to next week's class.