

DESN 350 Summer 2017 Review Questions

Camera Controls

What are two fundamental differences between an SLR and a point-and-shoot or phone camera?

What would be the change if you went from a focal length of 50 to 200?

Why should you sometimes press your shutter button only ½ way and pause?

What are the three mechanisms for controlling overall exposure?

Why would you ever aim the camera directly at a subject, press the shutter button ½ way down, hold it while swinging the camera to one side, and then pressing the rest of the way?

What are a couple situations in which would you want to switch to manual focus mode?

What techniques can you use on your digital camera to improve its ability for “selective focus” that is, limit the camera’s depth of field?

Describe a situation when you would need to set exposure compensation to -1 or 2.
And to +1 or 2.

What is focal length?

Why is “fill the frame” good advice?

Why is “your knees bend” good to remember?

What are five advantages of shooting RAW files?

Why is “backlighting” a problem? What are several things you can do about it?

Editing

What does dodging do?

What does burning do?

What is the best *order* for doing edits? (*This is!*)

- 1. Cropping, correcting lens perspective distortion**
- 2. Dust/spot removal**
- 3. Tonal (brightness/contrast) adjustment**
- 4. Color correction**
- 5. (optional) Change to grayscale image**
- 6. Retouching, glamorizing**
- 7. (optional) Compositing – merging images**
- 8. Noise reduction**
- 9. Sharpening**
- 10. Optimizing for print or other media**

What is an image *histogram*? Be able to identify clipping, low contrast, high contrast, low key, and high key, on a histogram.

Review Study Questions - Correcting Color

How is the *Info window* used in correcting color?

How is the *Color Balance* used in correcting color?

What colors do we look for in the image to guide us in color correcting the image?

What is meant by *the color temperature of light*?

What color temperature is considered ideal?

What is the color temperature of a cloudy day?

What is an example of RGB balance for white, gray (light medium or dark gray), and black?