

Project Handout

Fundamentals: Depth of Field and Shutter Speed

Objective: Learn how to show depth of field in an image by use of aperture and focusing control and how to manipulate shutter speed to capture action in an image. **You will turn in 16 images.**

You will turn in photos as follows:

- (4) Depth of Field – Turn in four images. 2 images that show how you manipulate depth of field with aperture and 2 images that show depth of field using focusing control. Use the same subject for the two aperture images. You can use a different subject than the aperture images or the same one for your two focusing control images, but these (the focusing control images) must have the same subject. Look at the powerpoint again if you don't understand what I mean.
- (1) Shallow Depth of Field
- (1) Wide Depth of Field
- (4) Shutter Speed Practice – Turn in images showing different shutter speeds. Choose one subject that is going to give you plenty of time to practice (so don't choose something/someone that will leave after you have taken only a few photos). You must turn in images of your subject shot at the following shutter speeds: 1/15, 1/100, 1/1000 and Panning (you will have to adjust your shutter speed to match your subject in order to pan successfully). If your camera does not have these shutter speeds, see Mrs. Tookey to figure out how you can meet this requirement.
- (6) Shutter Speed and Direction, Distance, and Focal Length – Shoot your subject with one shutter speed but vary the direction of the subject, the distance you are from the subject, and the focal length (zoom) you are using. Turn in two examples of each (direction, distance, and focal length). Make sure you are using the same subject for each so you can show the difference, just like the powerpoint showed.

Grading Criteria for Project “Depth of Field and Shutter Speed”

1. All photos MUST be originals taken by you for this assignment.
2. Take the number of photographs that is in parentheses in front of each fundamental.
3. Save your images into your correct project folder (remember that project #'s change from semester to semester so if you aren't sure what # this is, ask) and name them according to what they are an example of. So, you would have aperture1, aperture2, focusing control1, focusing control2, shallow, wide, shutter1, shutter2, shutter3, panning, direction1, direction2, distance1, distance2, focal length1, focal length2.
4. Remember that saving your images correctly IS part of your grade.