

Camera Setting Assignment

Understanding the camera settings and metadata in Lightroom

Name _____ Date _____

School _____

Part One

Camera brand _____ Model _____

F-stop range _____ Shutter speed range _____

ISO range _____

Part Two

For this assignment you must turn in one image for each setting. You need to shoot in the manual (M) mode and many images per setting to ensure that you have the correct exposure. All images must be in focus and properly exposed in camera. Make sure you know how your light meter works! Bracketing is key! Keep exposure /shooting notes not all cameras give details of the white balance settings. You may need a tripod or use the timer on your camera with shutter speeds under 1/60th of a second. Shoot everything at a 50-55mm focal length.

ISO -Same scene- outside

Slow ISO

Fast ISO

Shutter Speed - Same scene

Fastest shutter speed

Slow shutter speed (under 1/60 use a tripod and timer)

Depth of Field- Same scene - large space

Large depth of field

Shallow depth of field

Depth of Field- Same scene – small space

Large depth of field

Shallow depth of field

White Balance - Same scene inside (make notes!)

Custom (must use camera manual for setting)

Auto

Daylight

Incandescent (tungsten)

Fluorescent

Cloudy

Shade

White Balance Same scene outside (make notes)

Custom (must use camera manual for setting)

Auto

Daylight

Incandescent (tungsten)

Fluorescent

Cloudy

Shade

Perspective

Shoot a person or object

Images must be exposed properly on manual mode- settings are up to you.

Close

Super close

Far

Medium shot

Low

High

Front

Back

Under

Part Three

Sorting, organizing, file names, and metadata in Lightroom

Make a contact sheet PDF of all images shot for the assignment. Label it- (32Jstudent_z.pdf) if your name is "Jane Student". Your final folder should have 32 items.

File names- lower case letters only and underscore "_" is the only symbol

Use the file names below in the parenthesis for each image

The final turn in folder should look like this-



ISO -Same scene

1. Slow ISO (1iso_slow.jpeg)

2. Fast ISO (2iso_fast.jpeg)

Shutter Speed - Same scene

3. Fastest shutter speed (3shutter_fast.jpeg)

4. Slow shutter speed (1/60) (4shutter_slow.jpeg)

Depth of Field- Same scene – in vast space- landscape

5. Large depth of field (5vastdof_large.jpeg)
6. Shallow depth of field (6vastdof_shallow.jpeg)

Depth of Field- Same scene – contained space – 3 to 5 feet area

7. Large depth of field (7containeddof_large.jpeg)
8. Shallow depth of field (8containeddof_shallow.jpeg)

White Balance - Same scene indoors

9. Custom-must use camera manual for setting - (9wbcustom_in.jpeg)
10. Auto (10wbauto_in.jpeg)
11. Daylight (11wbdaylight_in.jpeg)
12. Incandescent or tungsten (12wbtungsten_in.jpeg)
13. Fluorescent (13wbfluorescent_in.jpeg)
14. Cloudy (14wbcloudy_in.jpeg)
15. Shade (15wbshade_in.jpeg)

White Balance Same scene outdoors

16. Custom-must use camera manual for setting- (16wbcustom_out.jpeg)
17. Auto (17wbauto_out.jpeg)
18. Daylight (18wbdaylight_out)
19. Incandescent or tungsten (19wbtungsten_out.jpeg)
20. Fluorescent (20wbfluorescent_out.jpeg)
21. Cloudy (21wbcloudy_out.jpeg)
22. Shade (22wbshade_out.jpeg)

Perspective

Shoot a person or object

Images must be exposed properly on manual mode- settings are up to you.

23. Close (23close.jpeg)
24. Super close (24superclose.jpeg)
25. Far (25far.jpeg)
26. Medium shot (26mediumshot.jpeg)
27. Low (27low.jpeg)
28. High (28hight.jpeg)
29. Front (29front.jpeg)
30. Back (30back.jpeg)
31. Under (31under.jpeg)

Contact sheet

32. PDF contact sheet (32Jstudent_z.pdf)