

Assignment: Technical Portfolio - Details

The purpose of the technical portfolio is to explore various camera adjustments (aperture and shutter) and variables such as the time of day or differing lighting conditions. From these exercises the student should understand how and why to set the camera controls and also how to interpret and utilize styles of available light.

Aperture - Depth of Field

Depth of Field is also described as the range of critical focus. This range covers the zones in the negative, from near to far, that are in sharp, or acceptable focus. The two types of depth of field covered in this part of the assignment are Long and Short.

Shutter - Motion

The shutter of the camera controls the amount of time light is allowed to strike the surface of the film. Motion is controlled by the speed of the shutter. The three types of motion covered in this part of the assignment are Stop, Blur, and Pan.

Styles of Natural Lighting

The aperture and shutter speed are both very important considerations when taking a photograph but it is also important to understand the nature of different styles of light. The four types of light covered in this part of the assignment are Direct, Indirect, Diffused, and Silhouette.

All images should be named with your first & last names with the appropriate label (below)

- Long Depth of Field = LDF
- Stop Motion = SM
- Direct Light = DL
- Short Depth of Field = SDF
- Blur Motion = BM
- Indirect Light = IL
- Pan Motion = PM
- Diffused Light = EL
- Silhouette Light = SL

“Preview” Days

Check individual sheets for “Preview” days.

On “Preview” days be prepared to project and share at least one example image from each required category.

IE: On the Depth of Field preview day – show at least one image for both Long and Short Depth of Field.

All images must be imported from RAW files (preview day and final images).

“Preview Day” Images are non-binding. Please take the time to re-shoot any problem images. The main focus of each “Preview Day” will be on a specific assignment (aperture, shutter, light) but images from any section can be shown, including re-shot images.

Failure to present required images on preview days will cause a loss of 5 points per image off of the final project grade.

Due Date: March 20, end of Class
Individual Preview Days listed on the assignment handouts.

Journal Proponent

Find published examples of photographs from each part of the assignment

- Depth of Field (Long & Short)
- Motion (Stop, Blur & Pan)
- Lighting (Direct, Indirect, Diffused, Silhouette)

Show and correctly identify all images.

Pick 1 image from each category and write a 1-2 paragraph critical analysis of the selected images.

Be sure to mention how the camera controls and/or lighting styles affect the scene, the mood and the “readability” of the image”.