

Long & Short Assignment

Description:

Long Exposures:

A long exposure is taking a photograph with a slow shutter speed. If taking a long exposure during the daytime, a ND (neutral density) filter is needed in order to not overexpose the photo. For this assignment, you will have better results if taking photos in very low light so the photo does not become overexposed. Look up “long exposures” or “slow shutter speed” for examples.

Use ISO 100 if possible for better quality

Use a smaller aperture F/11 or smaller to have everything in focus

Must use a tripod

Use M (manual) mode on camera to set multiple seconds for the exposure or use BULB option

Short Exposures:

A fast shutter speed will freeze action. Take photos in bright lighting to be able to use faster shutter speeds. A smaller aperture (f/22) will help you get the action in focus. Look up “freeze action” to see examples.

Examples:

Long Exposure:



Short Exposure:



Assignment:

1. Take 3 *successful* photos of 3 different subjects with **long exposures**; make the photo obvious that you are using a long exposure. Use the long exposure to blur moving objects or

show scenes that would normally be too dark to see or photograph. Use a tripod. You may want to experiment with different slow shutter speeds.

2. Take 3 *successful* photos of 3 different subjects with **short shutter speeds** (fast shutter speeds) to freeze action; make the photo obvious that you are using a short shutter speed and freezing some type of action. You may want to experiment with different short shutter speeds.

Total: 6 photos

_1 (long exposure)

_2 (long exposure)

_3 (long exposure)

_4 (short shutter speed)

_5 (short shutter speed)

_6 (short shutter speed)

Camera Requirement:

Digital camera with manual settings. Can use M and Tv. Must be able to adjust the camera to achieve different shutter speeds, set ISO and set White Balance.

Make sure the photo is in focus and correctly exposed.

Use correct White Balance and as low of ISO as you can.

Reflection on Website:

Label all 6 photos as being either short or long exposure.

Label the shutter speeds and aperture on each photo.

Reminders:

*Do not plagiarize work or use photos from previous photography assignments.

*Have a strong center of interest. Is the subject interesting or boring/cliché?

* Remember to keep ground line parallel to the bottom of frame, unless you purposely tilt the camera.

* Do NOT take photographs of flat, empty spaces such as bulletin boards, photos and murals on walls, signs on walls, ect. In most cases, you want a photograph that shows more depth of space.

* Avoid so much negative space that the subject gets lost.

*Eliminate unnecessary distractions; keep a neutral background. *Get that trash can outta there.*

*Make sure there is contrast between the subject and the background.