

Bracketing Assignment

Description:

1. Use **aperture bracketing** to take 3 photos of the same scene (1 should be the correct light meter setting, 1 should be a smaller aperture, and 1 should be a larger aperture) (must be taken with Manual mode or TV mode). **Repeat at least 2 times for different subjects.**
2. Use **shutter speed bracketing** to take 3 photos of the same scene (1 should be the correct light meter setting, 1 should be faster shutter speed, and 1 should be a slower shutter speed) (must be taken with manual mode or AV mode) **Repeat this at least 2 times for different subjects.**

Total Photos: 12 photos in your Drive folder

** You may need to use a tripod for shutter speeds slower than 1/60

*** Menu > Expo. comp./AEB > SET > Use wheel dial to set how much to bracket > SET > Set self-timer shooting mode > put camera on tripod

***Make sure to check the apertures and shutter speeds on your photos (in playback mode) as you take them. If they aren't changing accordingly, you may have too large/small of an aperture or too slow/too fast of a shutter speed to get the correct exposure. The camera will flash the aperture or shutter speed number (on the front of the camera) if it is unable to get the correct exposure.

****Every photo should have a **center of interest** (create an interesting composition for each photo-remember compositional guidelines from last semester).

Examples:

Aperture Bracketing:



Under: F 7.1 1/60



Correct: F 6.3 1/60



Over: F 5.6 Shutter 1/60

Shutter Bracketing:



Under: F 7.1 1/30



Correct: F 7.1 1/15



Over: F 7.1 1/5

Assignment:

1. Take 2 different Aperture Bracketing Comparisons and 2 different Shutter Speed Bracketing Comparisons. Save to your Google Drive in *Bracketing Assignment Folder* (12 photos).
2. Choose 1 Aperture Bracketing Comparison and 1 Shutter Speed Bracketing Comparison to grade. (6 photos)
3. Complete the reflection and add to your website next to your photos (6 photos). Label each photograph (*Aperture Bracketing: under-exposed, correct exposure, over-exposed* and *Shutter Speed Bracketing: under-exposed, correct exposure, over-exposed*). **Also label with the shutter speeds and apertures for each photo.**
4. Link the assignment title on your website to your Google Folder; don't forget to change the link so 'anyone can view'!
5. Add the 6 chosen photos to [shared critique folder](#) and rename with your number. Label as follows:
 - _1 (Aperture Bracketing: Under-Exposed)
 - _2 (Aperture Bracketing: Correct Exposure)
 - _3 (Aperture Bracketing: Over-Exposed)
 - _4 (Shutter Speed Bracketing: Under-Exposed)
 - _5 (Shutter Speed Bracketing: Correct Exposure)
 - _6 (Shutter Speed Bracketing: Over-Exposed)

Camera Requirement:

Digital camera with manual settings. Can use M , AV, or Tv mode. Must be able to adjust aperture, shutter speed and ISO.

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:

Link the assignment title on your website to your Google Folder; don't forget to change the link so 'anyone can view'!

Label all 6 photos:

Aperture Bracketing: Under-Exposed, Correct Exposure/ Overexposed

Shutter Speed Bracketing: Under-Exposed, Correct Exposure/ Overexposed

Include the shutter speed and aperture settings for each photo. Use [Metadata viewer](#) if necessary.

Describe the process of how to use shutter speed and aperture to bracket photos.

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 the 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.

Bracketing Photos Rubric

Assignment Requirements and minimum number of photos (-5 for too few of photos in assignment folder) **and Reflection** _____/12

Composition and Originality:

- Weak Center of Interest/not enough contrast between subject and other details(-1)
- Missing Center of Interest (-2)
- Needs tighter crop-too much negative space (-1)
- photo tilted (-1) distracting details not eliminated (-1)
- subject placed in center of photo with negative space around(-1)
- dull /cliche choice of subject (-1-4)

_____/4

Contrast / Focus / ISO / WB

- photographs too dark (over exposed)
- photographs too light (under exposed)
- camera shake or subject not in focus (-1-5)
- Inappropriate ISO or White Balance

_____/4

Total: _____/20