

## **BRACKETING**

In photography, **bracketing** is the general technique of taking several shots of the same subject using different camera settings.

Bracketing is useful and often recommended in situations that make it difficult to obtain a satisfactory image with a single shot, especially when a small variation in exposure parameters has a comparatively large effect on the resulting image.

## **EXPERIMENTING WITH BRACKETING**

Set up a subject or arrangement of subjects (still life) in the studio room (the lighting is brighter) or on a table. You can work with a partner for this project.

Make sure your subject(s) and where you position your camera makes the subject matter take up 75% of the space in your view finder and the empty space around it (negative space) occupies about 25% of the space in your frame.

Your task is to take the same picture multiple times with different camera settings and save them as one image on a landscape page in photoshop. You will put each one in its own layer named by the setting you were changing and resize and arrange them in sequence.

You need to set up your picture for automatic, take the shot and check the camera settings. This will be your start point. You will only change ONE variable in your image at a time.

### 1) F-STOP BRACKETING

In this set of images you will go through a minimum range of 7 F-Stops.

Use the speed setting from your auto image. This will not change.

Use an appropriate ISO and keep it constant.

Use 7 different F-Stops and take the exact same picture.

### 2) SHUTTER SPEED BRACKETING

In this set of images you will go through a minimum range of 7 F-Stops.

Use the F-Stop setting from your auto image. This will not change.

Use an appropriate ISO and keep it constant.

Use 7 different Camera Speeds and take the exact same picture.

### 3) ISO BRACKETING

In this set of images you will go through a minimum range of 7 F-Stops.

Use the F-Stop setting from your auto image. This will not change.

Use the Speed from your auto image. This will not change.

Use 5 different ISO settings and take the exact same picture.

RECORD in your notes all of your exposure triangle settings – you will need these for part 2 of this project!

Save ALL your images and name them by the setting variable change. (eg. Bracketing\_F7.jpg or Bracketing\_1s.jpg or Bracketing\_ISO200.jpg)

Set them up as 4x6 images in photoshop and save the jpegs.