



## Depth of field Assignment

You will demonstrate your understanding of basic camera controls in this assignment. You will need to take approximately 6-10 photos to accomplish this.

Outside during the day, or in a **very** well lit space, set up three similar objects approximately two feet apart from one another, possibly on a table. (Bottles, dolls... whatever you like. You could even use three people standing in a row.)

Situate yourself so that you can see all the objects when you hold the viewfinder up to your face.

Consider using a tripod if you wish.

Focus on the center object.

Set the aperture ring on your camera to f1.8 or f2.

Adjust the shutter speed knob so that the light meter indicates proper exposure.

Press the shutter release button

Do not move closer or further away from the objects.

Do not move the objects.

Make sure that the center object is still in focus.

Change the aperture to f5.6, and adjust the shutter speed so that the light meter indicates proper exposure. Your shutter speed will be slower than before.

For the third picture you will change the aperture to the largest number you can while still getting proper exposure and not having a shutter speed of less than 1/30 of a second. Hold the camera very steady!!

You may wish to try this setup with different objects to make sure that one works!

In addition to a contact sheet, you will be handing in 4 photographs:

1 at a small f-stop number

1 with a medium f-stop number

1 with a high f-stop number

1 photo of your choice from the rest of the roll

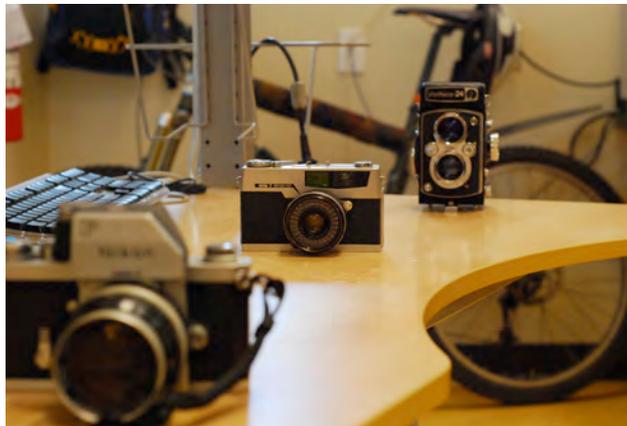
**Each photo must have your name/initials and block on the back, as well as what aperture the photo was taken at!**

You will be marked on the quality and consistency of your prints, knowledge of aperture, and borders.

Examples of the same photo at different apertures:



This photo has a small aperture # (f1.8), and therefore little depth of field



This photo has a moderate depth of field. (f4) Note how the background and foreground is in more focus



This photo has a fairly large depth of field (f11) the background and the foreground are now much clearer than before