

CMM 307 ASSIGNMT 4 alternate: Depth of Field - due 3/25

The purpose of this assignment is to show you how the choice of lens aperture controls depth of field. A small aperture will create a wide depth of field. A large aperture will create a narrow depth of field.

1. Maximum depth of field: entire scene should be in focus

choose an interesting outdoor landscape, which extends from closeup, 7 or 8 feet, to very far away

the goal here is to create a sense of extended depth in your photo

- the 2 best means for doing this are:

- including the near foreground in your scene

- using parallel converging lines (road, railroad tracks, rows of parked cars, etc)

if your camera has a shooting mode that allows you to choose aperture (Av or A), you can use this mode, and select an f-stop in the range of f/8 to f/22

- if your camera doesn't have this mode, you will control the lens aperture by the light conditions you shoot in

shoot in brighter light conditions: outdoors - sun or bright overcast

- in brighter light, your camera will automatically choose a small aperture

ISO: 200

2. Narrow depth of field: foreground subject in focus, background subject out of focus

if your camera has the Av or A mode, select your widest aperture (lowest f- stop number) such as f/4.0 or f/4.5

if your camera does not have this mode, you will control the lens aperture by the light conditions you shoot in

shoot in dimmer light conditions: outdoors, heavy overcast or indoors bright

- in dimmer light, your camera will automatically choose a wider lens aperture

ISO: 100-200 for outdoors and 400-800 for indoors

Do not use flash. Choose the no-flash mode on your camera, so it does not fire

you should have **2 main subjects in each picture:**

a. one very near to the camera, (about 1-2 ft away),

- focus on this part of the scene by pressing shutter button down part way
b. one further away, (at least 12-15 feet), which will be out of focus

try to create a relationship between your 2 subjects,
this makes a more interesting photograph

those of you with CDC's:

- if you're having trouble getting the distant part of the scene out of focus, make
the close subject closer and the further subject farther away

Shoot and keep: at least 40 pictures.

as always, you can try more than one of the same scene

Hand in on 3/25:

contact prints of at least 40 pictures

4 prints: 2 maximum depth of field and 2 narrow depth of field