



# Shallow Depth of Field Assignment



**Assignment:** The students will search the internet for 20 pictures that show limited Depth of Field, then make a contact sheet.. The student will shoot one roll of 35mm film with the intent of controlling Depth of Field through the aperture control.

The student will turn in 4-4" x 6" prints, showing shallow Depth of Field.

**Purpose:** The Art of controlling Depth of Field will be learned with the use of the 35mm camera and the use of the aperture controls. The Student will show their mastery of controlling Depth of Field by shooting, developing, and printing a roll of film with the intent of capturing a picture that shows Depth of Field, Three that show limited Depth of Field. Three original pieces of Student work (picture) will be turned in to show mastery. Mastery of aperture controls will be shown by the three pieces of work. The Photo development and printing processes will continue to be used and mastered as they do the assignment.

**CTE Standards**

1. Apply appropriate technical skills and academic knowledge.
2. Communicate clearly, effectively, and with reason.
3. Develop an education and career plan aligned with personal goals.
4. Apply technology to enhance productivity.
5. Utilize critical thinking to make sense of problems and persevere in solving them.
6. Practice personal health and understand financial literacy.
7. Act as a responsible citizen in the workplace and the community.
8. Model integrity, ethical leadership, and effective management.
9. Work productively in teams while integrating cultural and global competence.
10. Demonstrate creativity and innovation.

Name: \_\_\_\_\_ Period \_\_\_\_\_

**Grading:**

Rate your pictures from 1 to 6 in each of the following categories.

Lowest-----Highest

<b>Contact Sheet</b>	6	8	10	12	14	16	20 Photos showing limited Depth of Field.
<b>Creative</b>	6	8	10	12	14	16	Photos are interesting and Creative.
<b>Printing Skills</b>	6	8	10	12	14	16	Demonstrates advanced techniques
<b>Contrast</b>	6	8	10	12	14	16	Difference between tones. Black to white and middle Gray.
<b>Technical</b>	6	8	10	12	14	16	Free from dust and Chemical Marks. Chemical process followed.
<b>Shallow D.of F #1</b>	2	4	6	8	10	12	Shows shallow Dof F.
<b>Shallow D.of F #2</b>	2	4	6	8	10	12	Shows shallow Dof F.
<b>Shallow D.of F #3</b>	2	4	6	8	10	12	Shows increased Dof F.
<b>Shallow D.of F #4</b>	2	4	6	8	10	12	Shows increased Dof F.
<b>Rubric Meets Deadline</b>	1	2	3	4	5	6	Self Scored.
<b>Time Management</b>	1	2	3	4	5	6	Meets deadline.
<b>Assignment</b>	1	2	3	4	5	6	Productive use of time. Meets assignment criteria.

## Controlling Depth of Field (What's in acceptable focus)

**Depth of Field can be controlled by a combination of F Stop (Aperture), distance from subject, and focal length of lens used.**

As rule of thumb use a F/Stop that is smaller for greater Depth of Field.

←----- Greater Less -----→  
 F/22 F/16 F/11 F/8 F/5.6 F/4 F/2.8 F/2

Using a combination of F/Stop (Aperture) and Shutter to Control exposure.

### Bright Sunlight

1/8 1/15 1/30 1/60 **1/125** 1/250 1/500 1/1000 1/2000  
 F/22 F/16 F/11 **F/8** F/5.6 F/4 F/2.8 F/2  
 ←----- Greater Less -----→

### Shade

1/8 1/15 1/30 1/60 **1/125** 1/250 1/500 1/1000 1/2000  
 F/22 F/16 F/11 F/8 **F/5.6** F/4 F/2.8 F/2  
 ←----- Greater Less -----→

## Key Point to remember when shooting.

**\*Keep Subject close to you when shooting.**

