

Depth of Field Comparison

This assignment is worth 18 marks

Objective: Develop an understanding of how aperture and distance affect depth of field.

All photos need to be shot in Aperture Priority Mode (AV or A). You will adjust the aperture (f/stops). Set the ISO to automatic.

What is Due? 6 photos all of one subject shot at the apertures listed below. 3 of the photos will be from one distance and 3 from a second distance.

- Students may work alone or in pairs.
- Plan and organize a single composition. Be sure to follow good composition and design rules.
- Each pair needs a subject that won't move, a tripod, and camera. Set up the subject and camera so that they are on the same level. Make sure that there is some distance between the subject and the background.
- Make sure that the focus is on the same spot on for all images. Also make sure that the exposure between the two images are similar (equivalent).
- *Use the same lens for all photos*

Step 1: For the first set of 3 photos, place the camera about 2 feet away from the subject and focus on the subject. Actual distances will depend on your lens, composition and light. Take three photos at approximate apertures listed below. Combine the three images using an editor of your choice. Use text boxes to label the *f-stop*.

Step 2: For the second set of 3 photos, place the camera about 5 – 10 feet away from the subject and focus on the subject. Actual distances will depend on your lens, composition and light. Take three photos at approximate apertures listed below. Combine the three images using an editor of your choice. Use text boxes to label the *f-stop*.

Photos need to be taken close to following apertures:

f/2.8 f/8 f/22

Step 3: Finally, upload the *two edited images* to the top of your Production Page.

Assessment:

Close Distance Sequence	Far Distance Sequence
<ul style="list-style-type: none"> • Small <i>f</i>-stop • Medium <i>f</i>-stop • Large <i>f</i>-stop <p style="text-align: right;">/3</p>	<ul style="list-style-type: none"> • Small <i>f</i>-stop • Medium <i>f</i>-stop • Large <i>f</i>-stop <p style="text-align: right;">/3</p>
<p>All three photos have consistent focal point</p> <p style="text-align: right;">/3</p>	<p>All three photos have consistent focal point</p> <p style="text-align: right;">/3</p>
<p>Sequence edited and combined as one image, <i>f</i>-stops labeled</p> <p style="text-align: right;">/2</p>	<p>Sequence edited and combined as one image, <i>f</i>-stops labeled</p> <p style="text-align: right;">/2</p>
<p>Overall Composition</p> <p style="text-align: right;">/2</p>	
<p style="text-align: right;">Total Marks</p> <p style="text-align: right;">/18</p>	