

Exposure experiments

OVERVIEW: In pairs, you will test each of the exposure settings. Shoot images that demonstrate the skills outlined below. **Record** your settings so that you can show the instructor that you understand the exposure settings.

You can use manual or auto focus, depending on the shot, but be sure that you use Manual settings to capture these images. Below is a recap of the Manual settings:

- **P** = ISO is the only thing you can change
- **Tv** = You control ISO and Shutter
- **Av** = You control ISO and Aperture
- **M** = You control it *all*

TEST 1: STOP THE ACTION – JUMP!

Have someone in your group jump onto or off of something. Capture them in the air. There should be no blur in this image. Below, record what settings you had on the camera. This will be a FAST shutter speed.

1. ISO:
2. Shutter Speed:
3. Aperture:

TEST 2: SHOW THE MOTION – JUMP!

Have someone in your group jump onto or off of something. Capture them in the air. There should be blurring in this image. Below, record what settings you had on the camera. This will be a SLOW shutter speed. Use a tripod.

1. ISO:
2. Shutter Speed:
3. Aperture:

TEST 3: USING ISO – DARK ROOM

Have someone in your group sit in a chair in a dark room. Use a HIGH ISO; capture a head and shoulders shot of your model. Below, record what settings you had on the camera. Use a tripod.

1. ISO:
2. Shutter Speed:
3. Aperture:

TEST 4: USING ISO – LIT ROOM

Have someone in your group sit in a chair in a well-lit room. Use a LOW ISO; capture a head and shoulders shot of your model. Below, record what settings you had on the camera. Use a tripod.

1. ISO:
2. Shutter Speed:
3. Aperture:

TEST 5: SHALLOW DEPTH OF FIELD – 3 IN A ROW

Chose 3 items. Place them about 3 feet apart on a surface (table, floor). There should be blurring in this image. Below, record what settings you had on the camera. This will be a SMALL f-stop number. Use a tripod.

1. ISO:
2. Shutter Speed:
3. Aperture:

TEST 6: DEEP DEPTH OF FIELD – 3 IN A ROW

Chose 3 items. Place them about 3 feet apart on a surface (table, floor). There should be little blurring in this image. Below, record what settings you had on the camera. This will be a LARGE f-stop number. Use a tripod.

1. ISO:
2. Shutter Speed:
3. Aperture:

*****When you turn these in, rename each: Last Name_Exposure_Test # *****