

Objective:

Understand the differences that focal lengths have on portrait photography.

Instructions:

In teams of 3, you will take turns taking portraits of one group member using the following focal lengths and compositions. You will end up with 15 photos total.

- 18mm: shoulders up, waist up, and full body
- 35mm: shoulders up, waist up, and full body
- 50mm: shoulders up, waist up, and full body
- 85mm: shoulders up, waist up, and full body
- 200mm: shoulders up, waist up, and full body

Tips for success:

- *With each increasing focal length, the photographer will gradually be farther away from the subject in order to capture the same composition as before, just like we saw in the video!*
- *Keep the compositions as consistent as possible. Your subject will remain in the same spot the entire time. Only the photographer moves distance.*
- ***make sure there is open space behind the subject***
- ***make sure the photographer has a LOT of distance behind them to back up (you'll be surprised how far you'll have to go for a full body shot zoomed in at 200mm!!).***
- *Set your camera settings according to the suggestions below.*
- *First take a test shot for good exposure, fix ISO if necessary, then begin your series of shots.*

Camera Settings: Av, f5.6, ISO 100

Automatic Focus (AF).

**If the camera chooses a shutter speed slower than 1/80, you may increase the ISO so you can avoid motion blur.*