

Objective:

Understand the differences that focal lengths have on portrait photography.

Instructions:

In teams of 2 or 3, you will take turns taking portraits of one group member using the following focal lengths and compositions:

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

You will end up with 15 photos total each. (Everyone gets photographed, so I shouldn't see the same person for two different photographers.)

Tips for success:

- Keep the compositions as consistent as humanly possible.
- **Your subject will remain in the same spot the entire time. Only the photographer moves!**
- Make sure there is **open space behind the subject** in order to see the differences in depth of field. *Don't position your subject close to a wall/building!*
- Set your camera settings according to the suggestions below.
- Take a test shot to assess the exposure, fix ISO if necessary, then begin your series of shots.

**Camera Settings: Aperture Priority mode (Av), lowest f-stop at that focal length, ISO 400*
Automatic Focus (AF).**

*If the camera chooses a shutter speed lower than 1/100, increase the ISO. If the photo is overexposed (too bright), then lower the ISO.

Photo playback shows the settings used in each photo:

