

In-class assignment and Homework (due 9/2)

- Download and install ARDUINO IDE
- Connect ARDUINO MEGA 2560
- Load and run the Blink program
- Blink your name in Morse code

In-class assignment and Homework (due 9/4)

- Connect the BME680 (see 1a write-up)
- Install BME680 Adafruit library (from menu in ARDUINO IDE: >Sketch>Include Library>Manage Libraries; search)
- Compile and run BME680 demo program (>File>Examples>Adafruit BME680 Library>BME680test)
- Wire the LCD (with 10 k trimpot), 3 x 4 keypad, and microSD card; run demo programs for each
 - Corresponding Adafruit libraries and P523 code repository will be useful
- (email finished programs to jcl11@illinois.edu)