

ECE 1100 Assignment No. 3

Due: Tuesday, October 24, 2023 (in class)

This is an individual assignment, i.e. you will submit your own work, just like A1 and A2 that you did.

Focus on the information in the following Arduino and ARM links, write a maximum 2-page essay that includes your thoughts on: (1) general purposes and applications of these microprocessors, and (2) any specific project or projects that you find interesting from these two links.

<https://www.electronicshub.org/simple-arduino-projects/>

<https://os.mbed.com/platforms/mbed-LPC1768/>

Use the following question as a guide for your writing if applicable or desirable:

*A. How would **you** apply engineering design to produce solutions that meet specific needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors?*

Again, be as creative as you can, and don't worry about "complete correctness." Feel free to write based on your current understanding of the topic. Use 11-point size font and single line space.

If your essay exceeds 1 page, print the essay out **double-sided** if your printer allows that.