REQUIREMENTS NOT MET

N/A

PROBLEMS ENCOUNTERED

I was only confused that my quiz on canvas says it is due at 11:59PM on the day before my lab, but the quiz is supposed to be during lab.

FUTURE WORK/APPLICATIONS

This lab will help with the structure and workflow of the future labs. It is good to get an easier lab that allows us to get used to the paperwork side that will be needed.

PRE-LAB EXERCISES

i. In general, when are your pre-lab submissions due on Canvas?
   15 minutes before the start of lab

ii. How late can you arrive to lab and still be admitted?
   20 minutes or less

iii. How late can you arrive to lab and still be allowed to take the lab quiz?
   10 minutes or less

iv. Can you drop this lab if you overslept? How about if a project for another class is due?
   Yes, you get one drop. It would be unwise to use it on this though.

v. Describe the lab makeup policy.
   You cannot make up a missed lab unless there is official documentation. You must show Dr. Schwartz as soon as possible (or 8 days)

vi. What is the minimum weighted lab average required for you to be eligible to pass the course?
   65%

vii. In which section of your pre-lab report should the screenshot required above be pasted?
   In the Appendix

viii. In your pre-lab report, what should be included with every measurement, screenshot, etc.?
   A caption giving a good explanation

ix. Describe the process of taking measurements with a system such as an oscilloscope or logic analyzer. Additionally, include details regarding when precise frequency measurements are of interest.
   taking measurements with a system must utilize a correct time base. The relevant waveform must be displayed on at least 75% of the measurement window, and if a periodic waveform is measured, at least two and no more than three periods of the waveform must be displayed on the entirety of the measurement window.

x. In general, when soldering a wire to a pin, what should the soldering iron touch? What should the soldering iron not touch?
   The iron should touch both the lead being soldered and the surface of the PC board. It should not touch the solder.

PSEUDOCODE/FLOWCHARTS

N/A

PROGRAM CODE

N/A

APPENDIX

15. In the event of a broken part, it is the student's responsibility to find an equivalent part. The *Lab Engineer*, Eric Liebner (whose office is located in NEB 236), or the *Engineering Supervisor*, Michael Stapleton (whose office is located in NEB 239), can help the student with replacement parts, but the student must always **consult with the course instructor and/or Peer Instructor(s) first**. If a replacement part is given to the student, the student may need to purchase the same (or similar) component, as to replace the one provided.
16. Whenever writing software with the C programming language, the student must additionally uphold the following guidelines.
    i. Wherever applicable, the use of directives, group configurations, bitmasks, and macros defined within *Atmel* library files or within library files provided on the course website, is required, unless otherwise noted within a lab document.
    ii. The use of any functions or macros defined within the C standard libraries (e.g., `_delay_ms`, `_delay_us`, `sprintf`, `printf`) is **strictly prohibited**.
    iii. All software should be compiled with no optimization, unless otherwise noted in a lab document.
17. It is **required** that the student read this entire document before submitting any pre-lab assignment and before attending any lab session. Failure to follow or correctly understand any of the above rules and policies may result in a point deduction of any amount from a lab grade, where this point deduction may be determined by either the course instructor or any Peer Instructor(s) deemed qualified by the course instructor.

University of Florida **EEL 3744C: Microprocessor Applications** Dr. Eric Schwartz Electrical & Computer Engr. Dept. Lab Rules & Policies Christopher Crary, Instructor

Page 5/5 Revision 1 Wesley Piard, Instructor

By signing this, the undersigned student acknowledges and affirms that he/she has read and understood the same and hereby certifies and agrees that he/she will abide by all lab rules, policies, and guidelines set forth within this document.

Koby Miller — *Signature of student*

5/18/2020 — *Date*

Figure 1 - Screenshot of the Lab Rules and Procedures Signed