Final Lab Report Guidelines

The submission deadline for your individual final report is **Friday 02/19/2016, 11:59PM**. A single PDF file should be submitted electronically to your TA's email address. If you are in sections 1, 4, and 7 your TA's email address is **tayebi.aa [AT] gmail [DOT] com** and if you are in sections 2, 3, 5, and 6 your TA's email address is **moslehpo [AT] msu [DOT] edu**. Late submissions will be graded as not handed in and consequently receive 0% of the grade.

The lab report should cover all four individual weekly labs and should be written in a way to emphasize the four labs as one piece instead of four individual ones. It should contain:

(i) Introduction: The tasks and objectives should be presented here. The introduction basically should answer the question "Why are we doing this?"

(ii) Used equipment, such as the scope, should be discussed briefly in this chapter. An overview of the utilized microcontroller would be placed in this chapter as well.

(iii) The most important part of the report is this chapter. Here you will present all the work you have done to achieve the final design goal. It is advised to explain each lab in a separate section. The report for each lab should include all the figures/plots (you can scan your plots and put them in the report). Make sure you have proper labeling and captions for your figures. Also, incorporate the plots in the suitable location instead of attaching them all in the end. Do not forget to explain each figure in the text and refer to them. **All questions found in the instruction and any calculations are required to be addressed.** This chapter can be concluded by some overall words on the final design.

(iv) The report will be finished with a summarizing chapter in the end. Here you can reflect not only what you do have learned, but also what struggles did you faced. This is also the right place to leave feedback on the lab procedure and manuals.

(v) Appendices: Make sure your report includes the following appendices:
1- All four scanned signed sheets.
2- Your code, including the comments, from Labs 3 and 4.
3- Scan copy of return sheet from ECE shop. When returning the tools to the ECE shop you will receive a return sheet. No grade for the lab will be assigned until the return sheet is returned.

If you have any questions on the format or the content while working on your final report feel free to send me an email.