ECE 201 INTRODUCTION TO SIGNALS & SYSTEMS
Laboratory Project Guidelines
Fall 2019

Report Structure

- Cover page:

  - Course number
  - Lab project number
  - Your name
  - Submission date

- For each Section/Subsection of the lab:

  - Objective: This is short one or two line statement that describes your goal in performing that part of the lab or the question you are trying to answer.
  - MATLAB code: This part should contain a printout of your code (a .m file or) or commands to perform the task. The code should be well-documented.
  - Results: The results section is to record your observations. It may include code execution results, descriptions, tables, graphs or figures.
  - Discussion/conclusions: The conclusions are the most important part of the write-up, and the amount of effort you put into it should reflect this. The conclusions will include your interpretation of the results and any relationships (or equations) that you have discovered. Indicate how accurate your results are and explain any discrepancies. This explanation must show that you understand what you have done and the results that you have obtained.

Additional Guidelines

- Report submissions must be your own individual work. This includes code, plots, answers to questions, and all other report components. You may discuss the project with others at a high level. However, the coding and the write-up (answering questions, explanations, etc.) are to be completed individually. Copying code or any part of the report will be considered an honor code violation.

- Reports must be well-organized, and all parts must appear in the order they are assigned. Reports must be typed, although lengthy analytical calculations may be neatly handwritten. Since reports will be submitted electronically, handwritten work must be scanned. Please use a scanner or appropriate scanning app. Photographs of handwritten work will not be accepted.

- All plots must be neatly annotated with x-axis and y-axis labels and a title. Any graph that is not labeled appropriately will be assigned zero credit.

- All plots must be fully referenced. The grader will not try to figure out what plots correspond to what parts of the project when grading. You can either assign figure numbers to the plots (i.e., the resulting plot is shown in Figure 1) or cite the location in which the plot appears (i.e., the resulting plot appears at the top of page 5).

- All Matlab code must be well-documented. You should use descriptive variable names and include comments in your code. There should be a comment at the top of each section of code that indicates what part of the lab that code goes with. See example below.

```
%%% ECE 201 Lab Project 1
%%% Author:  Ratbert
%%% Date:    9/15/08

%-------Section 3 -------------------------------------------------
% Problem 5:  plot of signal

%-----------------------------------------------------------------
```