York University

EECS 2021 Computer Organization

Report Guidelines

Laboratory report is an account of what you did in the lab. As an engineer, writing a good report is very important. Usually there are 2 audiences for you report.

1. It could be used be someone in your area to replicate what you did and rove/disprove your findings.
2. Or, it could be used by someone who is not in the area just to get a brief description of what you did.

Usually the report consists of the following sections

Title Page

The page contains the following information

- Course name and number
- Lab title
- Your name
- Your section
- Date of the submission

Followed by the following statement and then signed

The work in this report is my own. I have read and understood York University academic dishonesty policy and I did not violate the senate dishonesty policy in writing this report.

<u>Your signature</u>

Abstract

The abstract is one paragraph that summarizes the experiment, the purpose, the methods used, finding, and conclusion.

Introduction

The introduction provides a description of the lab, justify what this is needed (or important), it also includes any background required to understand the rest of the report. For EECS2021 this section is not required.

Equipment used

In this section, you describe the equipment you used (instruments, chips, boards, software, ..). For this course, it is mainly software.

Methods/Procedure

Describe the method/procedure you used. If any modification to the equipment (not applied here), if you are writing software then a pseudo code (brief) is sufficient. Generally that includes diagrams, schematics, equations you used in detail so anyone can replicate the experiment.

Results

This section includes the result of your experiment. It could be in the form of tables, graphs, oscilloscope's screen shot, or the output of a program.

Discussion

The discussion section presents an interpretation and analysis of your results (if required). It also includes any difficulties you faced and was not expected.

Conclusion and recommendation

What did you achieve in this lab, what you could not achieve, and why? Also any recommendations based on what you did in the experiment (that part is usually not required in EECS2021).

References

Any references you used in your report

Appendix

For this course, it is mainly the source code.

For more information about how to write a good report

http://www.mhhe.com/biosci/genbio/maderinquiry/writing.html

http://www.writing.utoronto.ca/advice/specific-types-of-writing/lab-report

http://www.engr.sjsu.edu/bjfurman/courses/ME195/proj_rep_guide.html (project report)

http://www.ocf.berkeley.edu/~anandk/math191/Technical%20Writing.pdf

https://courses.engr.illinois.edu/ece445/documents/Writing_Guidelines.pdf

https://owl.english.purdue.edu/owl/resource/647/01/