University of Waterloo
Faculty of Engineering
Department of Electrical and Computer Engineering

Title of Report

Self Study

Employer Name
Employer Address
City, Provice, Country

Prepared by
Givenname Middlename Surname
ID 2NNNNNNN
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NX Electrical or Computer Engineering

10 May 2019

Your Address
City, Province, Country
Postal Code

10 May 2019

Manoj Sachdev, chair
Electrical and Computer Engineering
University of Waterloo
Waterloo, Ontario
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Dear Sir:

This report, entitled ‘‘Report Title’’ was prepared as my NX Work Report for the University of Waterloo. This report is in fulfillment of the course WKRPT N0N. The purpose of this report is... . It is a self-study and confidential-1 report.

This is a one- or two-sentence paragraph describing the activities and objects of your employer.

This is a one- or two-sentence paragraph describing the group or department with whom you were employed, your manager, and the objects of that group. This report was written for ... .

An acknowledgment of any assistance you received. I hereby confirm that I have received no further help other than what is mentioned above in writing this report. I also confirm this report has not been previously submitted for academic credit at this or any other academic institution.

Sincerely,

Givenname Middlename Surname
ID 2NNNNNNN

Contributions

This is a self-study work-term report not based on the experienced gained at my previous co-op job. The team I worked with was relatively small or large... . It falls within the X group. It consisted of N people.

The team's main goal or goals were... .

My task or tasks were... . *or* My task or tasks consisted of... .

The relationship between this report and my job... .

In the broader scheme of things, ...

Summary

The main purpose of the report is... . *or* The scope of the report is... .

The major points documented/covered in this report are... .

The major conclusions in this report are... .

The major recommendations in this report are... .

Table of Contents

List of Figures

List of Tables

1 Introduction

This is the introduction.

1.1 Subsection

Some more text and a cross reference to Appendix A and remember that one can lie about statistics [1].

1.1.1 Sub-subsection

This section will demonstrate figures. Figure 1 shows the result of storing a bottle of white wine for sixteen years.

Figure 1 . 16-year old white wine.

The wine becomes deeper in colour going from a light yellow to golden.

1.1.2 Another Sub-subsection

Some more text. As a demonstration of tables, Table 1 demonstrates how certain types of entries should appear in a table. Note that, in order to centre the numbers in the last column, three columns are given.

Table 1. A table of numbers

	Integers	Boolean	Monetary	Text	Units (g/mL)
Row 1	3	T	12.34	First class	0.1234
Row 2	9	F	5.67	Some more text	5.67
Row 3	23	F	890.12	Other text	89.01
Row 4	157	T	34.56	Even more text	23456.7

1.2 Another Subsection

Some more text.

1.3 A Third Subsection

Some text and a reference to Appendix B which contains additional information related to this report.

2 Background

The background of the report. As another example, Table 2 displays another set of numbers, but are actually the same as Table 1.

Table 2. Another table of numbers

	Integers	**Boolean**	**Monetary**	**Text**	**Units (g/mL)**
Row 1	3	T	12.34	First class	0.1234
Row 2	9	F	5.67	Some more text	5.67
Row 3	23	F	890.12	Other text	89.01
Row 4	157	T	34.56	Even more text	23456.7

3 The Engineering Problem

Some more text.

4 Requirements, Criteria, and Metrics

A list of the requirements, criteria and metrics that will be used in this report together with a discussion on any issues surrounding the selection of these.

This is an example of an inline equation: the formula $\sum_{n=1}^{\infty} \frac{1}{n^2} = \frac{\pi^2}{6}$ is often taught in first year. The integral, however, is slightly less, as is shown by the display equation

$$\int_1^{\infty} \frac{1}{x^2}\,\mathrm{d}x = 1.$$

This is of course centred.

5 Possible Solutions

Equations can be numbered, for example, it may be necessary to refer to

$$F = \frac{\mathrm{d}}{\mathrm{d}t}(m\mathbf{v}), \tag{1}$$

that is, Newton's second law, elsewhere in the document. Cut-and-paste this table if you require an equation elsewhere.

5.1 Solution 1

A description and discussion of solution 1 and a reference to equation (1).

5.2 Solution 2

A description and discussion of solution 2.

5.3 Solution 3

A description and discussion of solution 3 and so on.

6 Engineering Analysis

The analysis of the solutions based on the requirements and criteria listed above based on the metrics listed in Section 4 on page 2

7 Conclusions

From the analysis in the report body, it was concluded that...

8 Recommendations

Based on the analysis and conclusions in this report, it is recommended that...

References

[1] D. Huff, *How to Lie with Statistics*. New York: Norton, 1954.

Appendix A Title of First Appendix

Use the No Spacing style.

Appendix B Another Appendix

Again, use the no spacing style for appendices.