Cover Page

The cover page must include the following information:

course name, title of the report, assignment #, student name(s).

Note: this is just an example. Please, feel free to use creativity in designing your own presentation, but ensure that your content encompasses all required information.
Table of Contents

Cover Page .............................................................................................................. 1
1. Introduction ........................................................................................................ 3
2. Project Description .......................................................................................... 3
   2.1. Theory ........................................................................................................ 3
   2.2. Experiment / Simulation ........................................................................... 3
   2.3. Discussion .................................................................................................. 4
3. Conclusions ........................................................................................................ 4
Appendix 1, 2, 3 .................................................................................................. 4
1. Introduction

Provide readers with the necessary background to help put the objectives and results of the lab in a proper perspective. (Objectives and Background information)

2. Project Description

2.1. Theory

Provide a concise description of the relevant theory that is needed to understand parts of the report, such as the data analysis or discussion sections. The relevant equations should be introduced and all the terms to be used in the report should be defined. Equations must be presented as parts of complete sentences. Examples of this can be found in the textbook. Use the word processor’s equation editor to produce equations that conform to acceptable formatting standards. For example, a symmetrical square-wave signal can be expressed as

\[ v(t) = \frac{4V}{\pi} \left( \sin \omega_0 t + \frac{1}{3} \sin 3\omega_0 t + \frac{1}{5} \sin 5\omega_0 t + \cdots \right) \quad (2.1) \]

2.2. Experiment / Simulation

Describe the experimental/simulation set-up, and schematic drawing. All the information needed for a reader to duplicate the setup independently should be present. Briefly describe the experiment / simulation procedures. Special steps used to ensure specific experimental conditions, or to maintain a desired accuracy in the information obtained should be included. Present all pertinent experiment data here. The type of data can include, but not limited to, numbers, sketches, plots, etc. All numerical data should be tabulated carefully. Each table, figure and graph in the report must have a caption or label and a number that is referenced in the written text.
2.3. Discussion

Compare your experimental, calculated and simulated results and support your explanation with analysis. Comment on any discrepancies.

3. Conclusions

Base all conclusions on your actual results. Explain the meaning of the experiment and the implications of your results. Examine the outcome in the light of the stated objectives. Point out any information that you deem necessary for the reader to be left with.

Appendix 1, 2, 3 …

This section is optional. You can put here whatever you think should be included in the report yet could not be fit into the main body of the report. Relevant plots should NOT be included here but reside in the body of the report.