ME 363 – Fall 2024

Experiment Number: TITLE OF THE EXPERIMENT

1. **AIM:** Aim and objectives of the experiment are to be included in this section.
2. **MATERIALS AND EQUIPMENT USED:** All materials and equipment used for the experiment are to be listed in this section.
3. **EXPERIMENTAL PROCEDURE**:

* Step by step explanation of the experimental procedure in your own words.
* Usage of pointers is highly recommended.
* Any figures/tables related to the procedure should go in this section.
* All figures need to be captioned sequentially (Figure 1, Figure 2, …) below the figure and must be referenced in text (As shown in figure 1, Figure 1 explains…..)
* All tables need to be captioned sequentially (Table 1, Table 2, …) above the table.

1. **FORMULAE AND CALCULATIONS: All** formulae used, and calculations performed need to be included in this section in an orderly fashion. (This section is optional if no formulae or calculations are used for the experiment).
2. **RESULTS:** Present the test results using prose, tables, and figures. All results related figures and tables must be included only in this section. Use the above-mentioned convention for figure and table captions.
3. **CONCLUSIONS:** A summary of the experiment, test results, and conclusions drawn from the experiment. Please keep in mind that this is NOT a COMMENTS sections where you add your suggestions/recommendations for the experiment.
4. **COMMENTS (if any):** List of suggestions or recommendations to improve the experiment in the future.
5. **REFERENCES (if any):** List any references used for the experiment or writing of the report.
6. **APPENDIX:** Original data sheets, computational sheets, Computer programs listings and output, and other materials can be attached in this section. Please keep in mind that any material included in the appendix must be referenced in text (Appendix A includes the computational steps….).