

Grading, E11 Lab 4

1. Title Page ___/2

2. Abstract ___/5

- very concise summary of the experiment and the results obtained

3. Introduction ___/5

- background information
- how work fits into broader contexts of the class, field, discipline, etc.

4. Theory ___/10

- derive equations needed to understand experiment or perform data analysis

5. Procedure ___/5

- details of how experiment was performed, equipment configured, data collected, etc.

6. Results ___/10

- results are clearly labeled and set off from text (eg, in a table or graph)
- experimental and theoretical results side by side for easy comparison; include deviations of experimental results from theory.
- tables and graphs labeled with title & number; referenced in text
- labels on graphs – units
- each table and graph has a caption

7. Discussion ___/10

- discuss significance, or meaning, of the results.
- discuss discrepancies between theory and experiment, and their likely causes.
- discuss difficulties encountered in performing lab.

8. Conclusions and Future Work ___/5

- summarize what was reported

9. Optional appendices (A,B 3 points each; C, D 5 points each)

Total: