

Grading rubric for lab report in ECEn 240

Out of 25-35 points.

Only **PDFs** will be accepted. Any other format will receive a minimum 3 point deduction.

(To convert a word document, go to file > save as, and then select pdf from the list of file types.)

(To convert a Google docs, go to file > download, and then select pdf.)

Content: All plots are included. (15-25 points)

15-25: All plots, tables, measurements, and descriptions are included.

- Lab Specific deductions. -2 to -5 points for each missing measurement or description.

Introduction: 1-3 sentences at the beginning of the lab describing the objective of the lab. (2 points)

- 2: Introduction describes the objectives of the lab and how it fits in with the final product.
1: Introduction is included but does not adequately describe the lab.
0: No introduction

Conclusion: A statement at the end of the lab writeup that sums up the lab in a few sentences is present. (2 points)

- 2: Adequately sums up the lab.
1: If the conclusion does not include at least one of the following:
 - Something the student learned during the course of the lab
 - A change to the lab or lab writeup the student would implement to make it easier to understand or more interesting
 - Something from the lab that relates to what the student has learned during the lecture portion of class
0: No conclusion.

Understanding: The student should choose one portion of the lab (perhaps a single exercise or measurement made) and explain the experimental process they went through. (4 points)

- 4: A student will receive full points if they write a few sentences about their thought process during that portion of the lab. This should include:
 - A challenge or misunderstanding the student had to overcome
 - How the student corrected the challenge/misunderstanding
 - How this impacted either their learning or the operation/efficacy of the lab.
2: Partial discussion.
0: No discussion anywhere in the lab.

Professionalism: The report is written well and easy to understand. Please note that while formatting will not be graded, following a consistent format is essential for any professional document. (2 points)

- 2: Document title includes name, date, and class. Minimal spelling and grammatical errors, with full sentences.
1: Meets some expectations for performance in this area.
0: Report is not typed up. Doesn't look professional

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