

Grading Rubrics

Grading rubrics are posted in Blackboard and students are advised to refer to them before submission and after receiving grades.

Data Reports

Here are **examples** of common ways of losing points.

- 20 points: Formatting.
 - Full credit if the report is easy to read and navigate.
 - -5 points: Missing captions.
 - -2 to 5 points: Pieces or blocks of unreadable material.
- 40 points: Experimental Data and Results
 - Basically grades the Tables and Figures. Full credit if all measured values are presented in Table/Figure form, all requested results are present, and all results are within the acceptable margins of error without mistakes.
 - -10 points: Missing Table or Figure.
 - -5 points: Table heading or Graph axes not properly labeled with units.
 - -5 points: Graph missing trendline and equation when requested.
 - -5 to 20 points: Mistake in data taking or in analysis.
 - -5 to 10 points: Confusing experimental with accepted or theoretical values
- 40 points: Abstract
 - -10 points: Giving an imperative step-by-step procedure instead of general methodology.
 - -5 points: Summarizing results without any numerical values.
 - -5 points: Presenting a vague conclusion that does not depend on the results.

Formal Reports

- 5 points: Formatting
- 20 points: Abstract
- 10 points: Procedure
 - Includes the Introduction and Methodology in the text.
- 25 Points: Collected Data
 - Includes most of the Tables and Figures.
- 20 Points: Data Analysis
 - Includes processed values in the Tables and Figures.
 - Includes text description of how analysis was performed.
- 20 Points: Discussion and Conclusions
 - Final sections of the text.
 - Major results must be described and conclusions must be drawn from the results.

Sample Data Report

A sample Data Report is available as a separate document:

<https://goo.gl/Kfl57H> (lower-case letter “ell” in the middle)