

Chemistry 106 Fall 2006 Lab Notebook and Participation grading rubric.

Students get 5 points for lab participation and keeping a lab notebook or filling out data sheets each week they do an experiment.

*Mandatory deductions:*

- Lab participation items:
  1. Not cleaning up balance space used before leaving lab (-2).
  2. Not cleaning up bench space before leaving lab (-2). \*\*\*items 1&2 together (-3).
  3. Not cooperating with lab partners (up to -3, instructor's discretion.)
  4. Unsafe behavior in lab (-3).
  5. Not attending lab (-5). Students are encouraged to attend another lab session to make up what they miss.
  
- Lab Notebook items:
  1. Date missing on any page that day(-1/2).
  2. Names of partners missing on first page for a day (-1/2).
  3. File names for any data stored on computers missing (-1/2).
  4. Not recording what was actually done (up to -3) \*\*\*note writing down a plan/procedure and only recording variations on the procedure is adequate.
  5. More than one significant figure error, including not recording data to accuracy of measuring device (-1/2).
  6. Equipment used not listed (e.g. balance make and type )(-1/2). \*\*\*serial or balance numbers are encouraged, but no deductions if they only list make and type.
  7. Data missing (up to -3).
  8. Erasing instead of crossing out (-1/2).
  9. Units on data missing (-1/2).
  10. If the instructor feels the notebook is useless (-5).
  
- Data sheet items (there will be no lab notebook requirements when data sheets are used, however students may still choose to keep extra notes in their lab notebooks):
  1. Name missing on data sheets (-1/2).
  2. More than one significant figure error, including not recording data to accuracy of measuring device (-1/2).
  3. Data missing (up to -3).
  4. Erasing instead of crossing out (-1/2).
  5. Units on data missing (-1/2).
  6. Data sheets also count for another 9 points for calculations and answering questions. These 9 point will be graded based on a rubric for the particular lab.