

Unit 4

Additional notes to complete the lab

Once the graphs have been completed the remainder portions of Data sheets A, B and C must be completed.

Part 2 on each page is for the slope of the best fit line. The uncertainty for this slope is the difference between the best and worst fit line for your data.

Don't forget the units. (_____)

Part 3. This is the theoretical value for the slope using the two fixed values recorded at the top of the data sheet.

Use the uncertainty calculation rule 2 on page 132 of the lab manual to determine the uncertainty of the calculation.

For the last question on each Data sheet look at page 134 Part 5.

Do not forget the questions and problems on page 45.

All labs are expected to be turned in at the beginning of the next lab period.