

**CHEM 1312 - General Chemistry II**  
**Unit Summary**  
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**Unit 2: Kinetics and Equilibrium**

Excel Graphing Instructions

1. Enter Time data in a column.
2. Enter [conc] data in the next column in line with the appropriate time value.
3. Click the Insert Tab.
4. Click the Scatter Tab.
  - a. Choose the scatter plot with smooth lines and markers
  - b. This will bring up your plot on your spreadsheet.
5. Is it Linear? Go To #18
6. Now re-enter you time data in another column.
7. Enter  $\ln[\text{conc}]$  in the next column in line with the appropriate column.
8. Highlight this data.
9. Click the Insert Tab.
10. Click the Scatter Tab.
  - a. Choose the scatter plot with smooth lines and markers
  - b. This will bring up your plot on your spreadsheet.
11. Is it Linear? Go to #18
12. Now re-enter you time data in another column.
13. Enter  $1/[\text{conc}]$  in the next column in line with the appropriate column.
14. Highlight this data.
15. Click the Insert Tab.
16. Click the Scatter Tab.
  - a. Choose the scatter plot with smooth lines and markers
  - b. This will bring up your plot on your spreadsheet.
17. Is it Linear? Go to #18
  
18. **When you reach a linear plot;**
  - a. Right click on the line on any of the markers on the graph.
  - b. Select add trendline.
  - c. Select Linear.
  - d. Check the “display equation on chart” box.