**Microsoft Excel Performance Task**

Create a spreadsheet in Excel to do the following: (Note: Graph may not be linear. Choose a best fit curve.)

1. 1st Column: List the following resistance values: 220, 400, 480, 680, 750, 1100
2. 2nd Column: Use a formula to compute the current through each resistor given a 12V power supply. (Use relative addressing).
3. Place headings above each column in bold print.
4. List the current value to 3 decimal places.
5. Plot resistance versus current.
6. Select a trendline option that is a best fit for the data.
7. List the equation for the trendline and the r-squared value on the chart.
8. Add a chart title and axis titles.
9. Have Excel sum the resistance values at the bottom of the first column.

BONUS: Place the voltage value at the top of the spreadsheet (above the graph) and use absolute addressing to recompute the current values….so that you can change the voltage value at the top of the spreadsheet and have the spreadsheet automatically recompute the current and replot the graph.

Save the file and email to…