**Assignment 4 Guidelines: Graphs**

For Assignment 4, you will need to complete tasks 1, 2, 3, 5, and 6 in Chapter 5 (20 points each).

For each task, you need to include the following in a single comprehensive word document:

* The requested graph from the problem (e.g. error bar chart, line chart, scatterplot, scatterplot matrix, etc.). Pay careful attention to the wording of the problem. Explain why this type of graph is appropriate for this particular problem (10).
* Your graph should be cut and pasted from the SPSS output file, **not a screen shot of the output**.
* Interpret the graph. What is notable about the chart? What is the most important information it reveals? Are there differences among groups? What can you conclude from visual inspection of the graph (10)?

In Assignment 3 you were asked to demonstrate that you know how to enter data. From here on, we are looking for your write-up to be more analytical than procedural. That means that you no longer have to explain what you entered in the variable view, but rather what your results indicate and why you made the choices you did in determining how to run the procedures.

You are expected to report all findings in proper APA format. Please refer to Field and to our Moodle site for examples on how to do so.

Please note: that the numbers in the parentheses are the maximum points that can be earned for each part of the assignment, with a maximum total of 100.