

Student's Name: \_\_\_\_\_  
 Date: \_\_\_\_\_

Evaluator's Name: \_\_\_\_\_  
 Course: \_\_\_\_\_ 3/06/2008

### Quantitative Problem-Solving Assessment Rubric (UG)

	<b>3: Exceeds Standards</b>	<b>2: Meets Standards</b>	<b>1: Fails to Meet Standards</b>	<b>Score</b>
<b>Creates data files and uses software to perform analysis</b>	Data is entered correctly without errors. Excel is used effectively and efficiently to correctly perform required analysis. Spreadsheet is well-organized and readable.	Data entry/Excel formulas, functions, or data analysis results are incorrect due to a few minor errors.	There is a major error or numerous minor errors in data entry and use of Excel. Spreadsheet is poorly organized and difficult to read.	3   2   1
<b>Applies appropriate procedures</b>	Applies the appropriate statistical procedures to analyze the problem. Explains why procedures are appropriate for the problem.	There are minor errors in the choice of the statistical procedures to analyze the problem. Not all of the factors that influence the appropriate statistical procedures have been identified.	Applies inappropriate procedures. No approach taken or approach was unclear.	3   2   1
<b>Analyzes the problem</b>	Analysis complete. Interpretation of the statistical results obtained is logical, correct, and explained clearly.	Analysis incomplete or incorrect due to a few minor errors in the interpretation of results.	Analysis incomplete or incorrect due to a major error or numerous minor errors in the interpretation of results. An analysis of results was not attempted or impossible to follow.	3   2   1
<b>Communicates the results</b>	Recommendations are consistent with the results obtained. Results and recommendations are presented in a coherent and logical manner with complete sentences; appropriate grammar, spelling, and use of statistical terminology and symbols; and correct units of measurement.	Recommendations are understandable but not always consistent with the results obtained. There are minor problems with organization, composition, use of statistical terminology and symbols, and/or correct units of measure.	Recommendations are inconsistent with the results obtained and poorly communicated.	3   2   1

**Scoring Key:**

- \_\_\_\_ Exceeds standards      11 - 12
- \_\_\_\_ Meets standards        7 - 10
- \_\_\_\_ Fails to meet standards ≤ 6

**Total Score:** \_\_\_\_\_