Fall 2013: Quantitative Literacy Assessment Rubric

	1-No/Limited Proficiency	2-Some Proficiency	3-Proficiency	4-Advanced Proficiency
Provides reasoning for numerical conclusions	No work or supporting evidence is present.	Limited, disjoint work is present but progression is unclear.	Most work shown is correct and simple arithmetic is omitted.	Clear explanation of each step is made in the process. Simple arithmetic is omitted appropriately.
Ability to identify and explain quantitative information presented in various forms (e.g. diagrams, tables, words)	No attempt was made, or any identifications or explanations are incorrect.	Some information is identified, but mostly irrelevant or incorrectly interpreted.	Most information is correctly identified, but some explanations are incorrect but minor.	Correctly identified and interpreted all relevant information.
Performs computations with appropriate precision	Computations are not attempted, or the attempted computation is irrelevant.	Computations are attempted, but are incomplete or with major conceptual errors.	Computations contain some minor errors. The solution is approximated incorrectly or inexact.	All computations are correct and significant figures or exactness is respected.
Ability to convert relevant information into various forms (e.g., equations, graphs, diagrams, tables, words)	No attempt made or any attempt is inapplicable to the situation.	Some relevant information is incorporated into a new form, but not correctly. An inappropriate form is used.	Most relevant information is correctly converted, but minor mistakes are present. Some irrelevant information is used.	All information is presented in the proper format and converted correctly.
Demonstrates an ability to check the conclusion for reasonableness and accuracy.	No explanation of conclusion is present, or only a terse, dismissive check is made.	An explanation of conclusion is present, but not logical, correct, legible, or coherent.	Conclusion is correct and explained, but incomplete or poorly stated.	A correct and complete explanation of conclusion is given.