

HANDOUT #3

Quantitative Literacy Cover Sheet – Original Assignment Instructions

Quantitative literacy - also known as Numeracy or Quantitative Reasoning – is a “habit of mind,” competency, and comfort in working with numerical data. Individuals with strong QL skills possess the ability to reason and solve quantitative problems from a wide array of authentic contexts and everyday life situations. They understand and can create sophisticated arguments supported by quantitative evidence and they can clearly communicate those arguments in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate).

Criteria of VALUE rubric	The criterion is addressed in the assignment – Indicate YES OR NO
Interpretation <i>Ability to explain information presented in mathematical forms (e.g., equations, graphs, diagrams, tables, words)</i>	
Representation Ability to convert relevant information into various mathematical forms (e.g., equations, graphs, diagrams, words)	
Calculation	
Application / Analysis <i>Ability to make judgments and draw appropriate conclusions based on the quantitative analysis of data, while recognizing the limits of this analysis</i>	
Assumptions <i>Ability to make and evaluate important assumptions in estimation, modeling, and data analysis</i>	
Communication <i>Expressing quantitative evidence in support of the argument or purpose of the work (in terms of what evidence is used and how it is formatted, presented, and contextualized)</i>	