

**RUBRIC FOR QCC EDUCATIONAL OUTCOME #3:
REASON QUANTITATIVELY AND MATHEMATICALLY AS REQUIRED IN STUDENTS' FIELDS OF INTEREST**

QUANTITATIVE REASONING RUBRIC FOR Spring 2018

<u>DIMENSIONS</u>	<u>Superior - 4</u>	<u>Competent - 3</u>	<u>Developing - 2</u>	<u>Novice - 1</u>	<u>Insufficient - 0</u>
Identify and Extract relevant quantitative information	Demonstrates full understanding of quantitative information presented.	Demonstrates understanding of most quantitative information presented.	Demonstrates understanding of some quantitative information presented.	Uses very little of the quantitative information presented.	Does not use quantitative information presented
Application of Quantitative Data to Derive Information	Skillfully calculates or applies information to solve a problem or generate information.	Adequately performs calculations and applies information to solve a problem or generate information with minor errors.	Calculates or applies information to solve a problem or generate information with errors.	Inaccurately performs calculations resulting in an inability to solve problems or generate information	Calculations are missing.
Analysis, explanation, and interpretation of quantitative results.	Demonstrates an understanding of the <i>meaning</i> of quantitative results/information AND uses result/info to articulate an informed judgement	Demonstrates an understanding of the <i>meaning</i> of quantitative results/information.	Demonstrates a partial understanding of the meaning of quantitative results/information.	Demonstrates a misunderstanding of the meaning of quantitative results/information (misinterpretation).	No analysis is offered for quantitative results obtained.

2/5/18