

Mathematics

Empirical & Quantitative Skills

Criteria	1 – Poor	2 – Acceptable	3 – Good	4 – Exemplary
<i>Set up</i>	No response, or represented with little or no relationship to the problem.	Represented with some relationship to the problem.	Represented problem adequately, but not in the most efficient or complete way.	Efficiently represents problem in its entirety.
<i>Computation</i>	Calculations are not attempted, are inaccurate, or inappropriate.	Calculations include some errors.	Calculations include few errors.	Calculations include no significant errors.
<i>Interpretation</i>	Results are not interpreted in the context of the question.	Results are partially or incorrectly represented.	Results are competently interpreted, but with minor omissions or inaccuracies.	Results are competently and thoroughly interpreted with no significant errors.

Mathematics

Courses in this category focus on the quantitative literacy in logic, patterns, and relationships. Courses involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience.

Core Objectives

- **Critical Thinking Skills:** To include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills:** To include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical & Quantitative Skills:** To include the manipulation and analysis of numerical data or observable facts results in informed conclusions.