

## Mathematics

### Communication

*(to be used on all forms of Communication)*

Criteria	1 – Poor	2 – Acceptable	3 – Good	4 – Exemplary
<i>Development and Interpretation</i>	Exhibits incoherent analysis or illogical reasoning; fails to distinguish between hypotheses and deductions; main points are indistinguishable.	Recognizes the requirements of logical reasoning but provides superficial analysis and inadequate examples, with <b>some</b> organizational structure.	Exhibits correct argumentation, competent development of ideas with <b>adequate</b> organization, and appropriate use of examples.	Exhibits cogent analysis, persuasive reasoning, logical development and <b>thorough</b> organization of ideas with effective use of examples.
<i>Expression</i>	Uses language/visual representation that fails to convey or impedes meaning to the audience because of errors in usage due to <b>little</b> attention to context, purpose, and to the assigned task(s).	Uses language/visual representation that generally conveys meaning to the audience with <b>some</b> awareness of context, purpose, and to the assigned task(s).	Uses language/visual representation effectively but with a few errors. Content demonstrates <b>adequate</b> consideration of context, purpose, and a clear focus on the assigned task(s).	Uses graceful, error-free language or visual representation that skillfully communicates meaning to the audience with <b>thorough</b> attention to context and purpose that is responsive to the assigned task(s).

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## 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.