

## Liberal Education Assessment Rubric

**Skills Outcome 2: Use mathematical, computational, statistical, or formal reasoning to solve problems, draw inferences, and determine the validity of stated claims.**

Element	Benchmark not met (0 Points)	Benchmark met (1 Point)	Benchmark exceeded (2 Points)
<i>A. Organization: Student converts or organizes information into a useful format for the appropriate formal technique (e.g. graphs, diagrams, tables, formulas).</i>	Does not adequately demonstrate conversion or organization of information into a useful format for the appropriate formal technique.	Mostly successful at converting or organizing information into a useful format for the appropriate formal technique.	Successful at converting or organizing information into a useful format for the appropriate formal technique.
<i>B. Implementation: Student applies the appropriate formal techniques for solving problems or deriving answers in the given domain.</i>	Does not adequately demonstrate application of the formal technique for solving problems or deriving answers in the given domain.	Mostly successful at application of the formal technique for solving problems or deriving answers in the given domain.	Successful at application of the formal technique for solving problems or deriving answers in the given domain.
<i>C. Interpretation: Student demonstrates an understanding of the significance of the results obtained for drawing conclusions or solving problems.</i>	Does not adequately demonstrate an understanding of the significance of the results obtained for drawing conclusions or solving problems.	Mostly successful at demonstrating an understanding of the significance of the results obtained for drawing conclusions or solving problems.	Successful at demonstrating an understanding of the significance of the results obtained for drawing conclusions or solving problems.