

2022-23 General Education Learning Outcome Report – Quantitative Reasoning

Definition: Students will be able to apply quantitative (mathematical and statistical) concepts and operations to solve problems, interpret data, and communicate ideas.

Instructor name	Amber Cummins
Date	July 10, 2023
Course (e.g., CS 101)	MA 216
Number of students assessed using the assignment below (not the # in the class)	9
Semester and year assessed (e.g., fall 2023)	Summer 2023
Identify the specific graded summative assessment(s)	Final Statistics Project

Fill in the columns for the indicators that can be assessed using the specific graded summative assessment identified above (enter “NA” on the other rows)

General education indicators (break the skill down into 1-4 measurable indicators): <i>Students were able to...</i>	Results of assessment: For each indicator, indicate the % or # of students who performed below, at, or above expected levels (only include students whose work you assessed)			Next steps / reflections: For each indicator, write reflections on anything that stood out for you (e.g., changes in teaching, learning or assessment strategies; areas for student growth; areas where students excelled; proposed curriculum changes).
	% or # below expected level (D/F grade)	% or # at expected level (C grade)	% or # above expected level (A/B grade)	
1. Solve Problems	20%	22%	55%	Students who submit assignments were able to interpret and analyze problems.
2. Interpret Data	11%	22%	66%	Students were able to interpret given data and utilize computer software (eg. Microsoft Excel & Stat crunch.)
Teaching/learning success: Explain any teaching or learning strategies you found to be effective for students to learn these general education indicators.				Students who submitted final project were able to demonstrate and draw conclusions on data.