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	Dorcella Eastman
Date	July 10, 2023
Course (e.g., CS 101)	MA 130
Number of students assessed using the assignment below (not the # in the class)	8
Semester and year assessed (e.g., fall 2023)	Summer 2023
Identify the specific graded summative assessment(s)	Final Lesson Plan

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): *Students were able to…*	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. Apply Quantitative Mathematical statistical concepts to solve problems	10%	10%	60%	Students had to solve the problem before hand to determine if there are other ways to solve it
2. Apply quantitative mathematical statistical concepts to interpret data	10%	10%	10%	Students need to address how they will teach the concept and determine what MT standard it aligns with
3. Apply quantitative statistical concepts to communicate ideas	20%	30%	30%	Students need to communicate on the elementary level while they teach the concept Modification: A reflection paper attached so i can be aware of any communication issues

Teaching/learning success: Explain any teaching or learning strategies you found to be effective for students to learn these general education indicators.	The chapter quizzes are questions that came directly from a lesson plan. I consult with the Ed 2 + 2 Program on lesson plans was omitted