

Assessment Plan: GE Learning Outcome 1e in Chemistry Courses

Overview: GELO 1e will be assessed yearly via direct assessment in CHE101, CHE103, CHE152, and PSC110.

Learning Outcome: GELO 1e. Quantitative Reasoning: Students will be able to solve problems that are quantitative in nature.

Outcome Measure: Problems on the final exam that are quantitative in nature.

CHE101 Chemistry and Society

CHE103 Introduction to General, Organic, and Biological Chemistry

CHE152 General Chemistry I

PSC110 Physical Science (chemistry portion)

Criteria for success: At least 70% of students will score 3 or higher.

Rubric: The following scale will be used.

	4	3	2	1
% of points earned on quantitative problems	80 – 100%	60 – 79%	40 – 59%	39% or lower