



Baseline Assessment

Assessment Reporting Form: This report is to show that academic assessment is occurring and that the results are being used to make changes to improve student learning. The assessment being reported relates to Measurable Student Level Outcomes (MSLOs). This Baseline Assessment Reporting Form shows the percentage of students who are proficient in the student learning outcome(s) assessed and identifies improvements that will be made to increase that percentage.

Course being assessed -

CHM 235 Organic Chemistry 1

Term in which assessment was completed (baseline) -

Fall 2024

Please provide the name of the assessment and a description of its type (multiple-choice quiz, essay aligned with rubric, performance exam, etc.).

Multiple-choice quiz

What is the targeted proficiency level for this assessment?

0.7

How many faculty members administered the assessment?

2

How many sections were included in the assessment?

2

How many students participated in the assessment?

23

Term in which follow-up assessment will be completed

Fall 2024

What efforts and/or changes will be made based on the results of the baseline data? Check each that will

Enhance student learning by adding additional instruction to the course i.e. lecture, PowerPoint, video, etcetera.

List the first MSLO that was assessed -

MSLO 6: (Analysis Level) Use facts to compare conformation stabilities of cyclic and acyclic compounds.

Which Common Student Learning Outcome(s) does this MSLO align with?

Reasoning Skills

How many students demonstrated proficiency on this MSLO?

20

List the second MSLO that was assessed (if applicable)

MSLO 1: (Comprehension Level) Describe the bonding properties of carbon with other atoms.

Which Common Student Learning Outcome(s) does this MSLO align with?

Integrative Knowledge

How many students demonstrated proficiency on this MSLO?

19

List the third MSLO that was assessed (if applicable)

MSLO 17: (Evaluation Level) Record and interpret quantitative and qualitative data successfully. Perform calculations using the proper number of significant figures and appropriate terminology.

Which Common Student Learning Outcome(s) does this MSLO align with?

Personal & Professional Skills

How many students demonstrated proficiency on this MSLO?

19

List the fourth MSLO that was assessed (if applicable)

MSLO 9: (Evaluation Level) Interpret infrared and nuclear magnetic resonance spectra.

Which Common Student Learning Outcome(s) does this MSLO align with?

Integrative Knowledge

How many students demonstrated proficiency on this MSLO?

16

List the fifth MSLO that was assessed (if applicable)

MSLO 22: (Synthesis Level) Perform effective chromatographic separations of organic chemicals, using

Which Common Student Learning Outcome(s) does this MSLO align with?

Integrative Knowledge

How many students demonstrated proficiency on this MSLO?

17