UA Rich Mountain
Assessing Student Learning
Course Outcomes Report
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1. **Purpose**
The Course Outcomes Report supplies information each semester regarding student learning on the course level. This report must be submitted to your division chair by the last day of the semester. Data from this report will be integrated into the annual Program Review. The Strategic Goals aligned with this report are Strategic Goal Three: Provide High Quality Education and Strategic Goal Four: Continuous Quality Improvement.

2. **Course Details**
Course Name: University Chemistry I Course #: CHM1103

3. **Assessed Outcome**
Course Outcome: Use analytical and reasoning skills to solve practical problems based on structure-property relationship

Related Program Outcome: • Use analytical and reasoning skills to solve practical problems based on structure-property relationship

Related GELO category (choose one):
☒ Thinking critically
☐ Communicating effectively
☐ Using technology
☐ Conducting relevant research

4. **Evidence of Student Learning**
Describe the classroom activity/tools related to the **course** objective (project, discussion, essay, quiz, etc.): Four volatile liquids were placed on temperature probes and cooling curves were generated for each liquid. Students were asked to equate the curves with relative evaporation rate and relative intramolecular force strength. (Demonstration, group activity)

5. **Course Data**
Number of students in your course(s) who met the course objective: 10

Total number of students in your course section(s): 10

Percent (%) of students achieving this course objective: 100

6. **Response to Data**
Will you change how you teach as a result of this assessment?

☐Change(s) needed. *Type explanation here.*

☒No change(s) needed. *Type explanation here.*

***Attach <u>anonymous</u> student samples of each activity along with the grading rubric/scale.**
****Attach any meeting minutes associated with this assessment.**