UA Rich Mountain
Assessing Student Learning
Course Outcomes Report
Nichalas DePriest
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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 #: **CHM 1103-lec CR1**

3. **Assessed Outcome**
Course Outcome:
The knowledge and critical thinking skills acquired in the general education component enable students to analyze problems, to arrive at intelligent conclusions, and to make reasoned choices in their professional and personal lives.

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

•Develop critical thinking skills based on basic laws of nature and chemistry.

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.):

Pre-test and post-test were given to the students before the semester and at the end of the semester, respectively. Any student who achieved a higher score on the Post-Test as compared to the Pre-Test was determined to have shown growth during the course.

5. **Course Data**
Number of students in your course(s) who met the course objective: 9

Total number of students in your course section(s): 12

Percent (%) of students achieving this course objective: 75.0%

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.**