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: Principles of Chemistry Course #: CHEM1053

3. **Assessed Outcome**
Course Outcome: Students will increase their understanding of basic principles of chemistry

Related Program Outcome: Students will increase their understanding of basic principles and their application in the field of physical sciences and biological sciences.

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. Number of students who increased their knowledge in the understanding of basic principles of chemistry were compared.**

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): 11

Percent (%) of students achieving this course objective: 91%

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. One student (#2) drastically lost activities and finally ended up getting a D in the course. Other student (#4) did fairly with the increase of 12. Rest did good on the course.

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