UA Rich Mountain
Assessing Student Learning
Course Outcomes Report
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Spring 2024

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: Technical Math Course #: MATH 10103-01

3. **Assessed Outcome**
- Course Outcome: Upon successful completion of Technical Math, the student should be able to do the following: Perform the basic arithmetic operations. Recognize the English and Metric systems. Apply content knowledge to a concrete project of their choosing. Apply concepts of algebra to occupational areas of study. Measure area and volume of three-dimensional objects. Use triangle trigonometry in real-world application. Student will be able to demonstrate mastery of the above objectives in the form of tests and assigned projects.

Related Program Outcome: The knowledge and critical thinking skills acquired in the general education component enable students to analyze problems, arrive at intelligent conclusions, and make reasoned choices in their professional and personal lives. Many general education courses are designed to deal primarily with processes rather than facts to help students develop individually and as members of a group and to instill in students the desire to develop intellectual and emotional skills through lifelong learning.

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.): Final Project requires each student to apply a minimum of three math concepts which are taught throughout the course.

5. **Course Data**
Number of students in your course(s) who met the course objective: 8

Total number of students in your course section(s): 8

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. The students seem to understand the curriculum and they continue to submit final projects that reflect their understanding.

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