**UA Rich Mountain**
**Assessing Student Learning**
**Course Outcomes Report**
**Damian Maxwell**
**Fall 2020**

## 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 Outcomes Report on Student Learning.

## 2. Background

Course Name: Calculus 1 & Analytic Geometry Course # MTH245

## 3. Course Outcome(s) being assessed this semester

**Think of the evidence of student learning activity or project. Choose ONE outcome for this course.**

- Use computational mathematics, algebraic operations, and their practical applications to solve problems which they encounter at home and the workplace.

Strategic Goals: Select the Goal(s) associated with the Course Outcomes(s) being assessed this semester.
https://services.uarichmountain.edu/intranet/staff/annualpubs/

☐Goal One: Mission Driven
☐Goal Two: Operate with Integrity
☒Goal Three: Provide High Quality Education
☐Goal Four: Continuous Quality Improvement
☐Goal Five: Effective & Efficient Operations

Related Program Outcome: Utilise mathematical skills to solve real life problems.

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 **course** objective (What did they do for the class which was tied to this objective? Was it a project? Discussion? Quiz?)

Describe Activity: Students researched problems relating to their field of interests that can be solved using calculus ( Science and Business applications). These problems were solved and presented.

**5. Reflection**

**A.** What was the result of this activity? (How do you know that students satisfied the course objective being measured?)

All the students in the class were able to utilize their mathematical skills to solve problems in the science and business field. They researched intensively and were able to foster meaning discussions among themselves.

**6. Enter course data**

Number of students in your course(s) who met course objectives: 7

Enter the number of students total in your course section(s): 7

Enter the percent (%) of students achieving this course objective. (Data will be used on Program Outcomes Report under Evidence of Student Learning.) 100%

**7. Response to data:** Will you change how you teach as a result of this assessment?

Choose only one of the narration options below. If curricular changes are needed, briefly explain any changes planned for course improvement. If no changes are needed, indicate the rationale in the space provided below.

☐Changes(s) needed. *Type here*

☒No change(s) needed

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