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: Number Systems II Course #: MTH233-01

3. **Assessed Outcome**
Course Objective: Upon successful completion of MTH 233 Number Systems II, the student should be able to do the following: 1. Solve problems and applications using integers. 2. Solve problems and applications using rational numbers. 3. Solve problems and applications in applying basic statistical techniques and applications. 4. Solve problems and applications in applying basic probability techniques and applications. 5. Solve problems and applications in applying basic statistical techniques and applications. 6. Solve problems and applications related to basic geometric shapes and measurement techniques.

Related Program Outcome: The purpose of the Associates of Arts degree program is to provide students with the knowledge and critical thinking skills that will enable students to analyze problems, arrive at intelligent conclusions, and make reasoned choices in their professional and personal lives. Specifically, Number Systems I and II courses will attempt to achieve the following:
• Students will demonstrate competency in mathematics, including analytical and occupational skills.
• Students will apply technological skills to process information.
• Students will be prepared to compete academically upon transfer to a four-year institution.

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.): A syllabus, assignments, and tests were administered to students throughout the Number Systems II course.

5. Course Data

Number of students in your course(s) who met the course objective: 11

Total number of students in your course section(s): 11

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.**

Course Outcomes Evidence:

40% HW	40% Tests	20% Final	Final Grade
88.89	99.00	100	95.2
100.00	99.00	100	99.6
100.00	100.00	100	100.0
88.89	99.00	100	95.2
100.00	97.00	100	98.8
100.00	89.25	100	95.7
100.00	99.00	100	99.6
100.00	100.00	100	100.0
100.00	88.25	100	95.3
88.89	99.25	100	95.3
100.00	100.00	100	100.0