UA Rich Mountain
Assessing Student Learning
Course Outcomes Report
Krishna Nath
Spring 2023

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: Biological Science Course #: BIOL-154-In01

3. **Assessed Outcome**
Course Outcome: Students successfully completed the pre- and post-test and it was found that percentage increased over 93% when post-test was compared with pre-test obtained score indicating that the students learned biological science during entire semester.

Related Program 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 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. The data of % of students who got C or better were compared.

5. **Course Data**
Number of students in your course(s) who met the course objective: 29

Total number of students in your course section(s): 30

Percent (%) of students achieving this course objective: 94

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.**

***** Evidence document**

Last Name	First Name	Pre-test /	Post test/1	Pre-test %	Post test %
Auer	Cyrus	86	132.5	57.33	88.33
Barrett	Maggie	44	117.5	29.33	78.33
Brown	Blake	42	135	28.00	90.00
Cannon	Caroline	42	145	28.00	96.67
Cartagena	Emmanuel	34	127.5	22.67	85.00
Edwards Jr	Larry	22	137.5	14.67	91.67
Flake	Trevor	44	122.5	29.33	81.67
Ford	Beau	38	112.5	25.33	75.00
Fudge	Raielynn	42	100	28.00	66.67
Gordin	Kristen	46	135	30.67	90.00
Heller	Madison	44	132.5	29.33	88.33
Holcomb	Camdon	42	130	28.00	86.67
Hughes	Wilson	36	0	24.00	0.00
Humphries	Ashton	34	0	22.67	0.00
Imperiali	Summer	36	125	24.00	83.33
Johnson	Israel	42	130	28.00	86.67
Justice	Brett	34	115	22.67	76.67
Leach	Kalianne	38	117.5	25.33	78.33
Mabry	Charity	60	132.5	40.00	88.33
Mabry	Mark	44	112.5	29.33	75.00
Martinez	Sarahi	76	145	50.67	96.67
McAnelly	Emilee	96	140	64.00	93.33
Medina	Pahola	76	135	50.67	90.00
Morgan	Cora	54	130	36.00	86.67
Mullins	Justin	34	130	22.67	86.67
Parden	Nathan	36	132.5	24.00	88.33
Plunkett	Trevin	116	125	77.33	83.33
Rainey	Samuel	40	137.5	26.67	91.67
Reynolds	Caleb	52	137.5	34.67	91.67
Rhyne	Riana	68	132.5	45.33	88.33
Squires	Ethan	54	140	36.00	93.33
Stipe	Jacob	48	130	32.00	86.67

1

Biological Science: BIOL1543In0 Lec-01_Krishna Nath

The average score represents the average score from those who took that test, not including the zero for those who did not take the test.

Biological Science: BIOL 154

Pre-Test	**Percentage of students**	**Percentage of students scoring below 70%**
	3%	97%

Post-Test	**% of students scoring 7**	**% of students scoring below 70%**
	97%	3%

Percentage increase	**94%**