

**BIENNIAL PROGRAM STUDENT LEARNING OUTCOMES ASSESSMENT REPORT FORM –
ASSESSMENT COMPLETED IN AY2023-2024 (Due to the dean on November 15)**

Submission date: 11/15/2024

Assessment Plan covered in this report: Marine Natural Resources Technician OEC

College: College of Arts and Sciences

Campuses where the program(s) is delivered: Anchorage KOD KPC MSC PWSC

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1. Please list and number the Program Student Learning Outcomes your program assessed in the past academic year. For each outcome, indicate one of the following: Exceeded faculty expectations, Met faculty expectations, or Did not meet faculty expectations.

1. Demonstrate a basic knowledge of marine organisms - met faculty expectations
2. Demonstrate proficiency in basic math skills - did not meet faculty expectations

2. Describe what your assessment process was last year for these Program Student Learning Outcomes, including the collection of data, analysis of data, and faculty (and other, e.g., advisory board) conversations around the findings. (1000 words or less)

The math instructor provided the scores on the two major exams of the semester and the Intro to Marine Bio instructor provided feedback on the assignments in that course that addressed that SLO. The math instructor provided raw scores of the two major exams, which were collated into the data reported. The marine bio instructor provided feedback as "met faculty expectations," not as raw data, for the six reading checks. These were knowledge checks the students completed on Blackboard after reading portions of the textbook. These checks were indicative of if the students completed the reading, which was about marine organisms, so fit the SLO.

3. What are the findings and what do they tell the faculty about student learning in your program? (1000 words or less)

Students performed below expectations in the math courses. This tells us that we need to be more attentive to the students' math progress and provide more assistance in the form of tutoring, assignment time management, study planning, etc. Students met expectations in assignments for the marine bio course. This tells us that the readings are an effective way to relay the information to the students.

4. Based on the findings, did the faculty make any recommendations for changes to improve student achievement of the Program Student Learning Outcomes? Yes

- i. Please describe the recommended action(s), what improvements in student learning the program hopes to see, the proposed timeline, and how the program will know if the change(s) has worked. If no recommendations for changes were made, please explain that decision. (1000 words or less)**

Faculty will work with support personnel for the program to develop a plan for student success in the math courses, as well as continued success in the other courses. This may include planned tutoring sessions, scheduled study periods, and connecting with resources at UAA. We will know if these changes worked if the students perform better on the math exams. We will speak with the math instructor throughout the semester to track progress and make changes as needed. A change from "did not meet faculty expectations" to "met faculty expectations" will represent success.

5. In the past academic year, how did your program use the results of previous assessment cycles to make changes intended to improve student achievement of the Program Student Learning Outcomes? Please check all that apply.

- Course curriculum changes
- Course prerequisite changes
- Changes in teaching methods
- Changes in advising
- Degree requirement changes
- Degree course sequencing
- Course enrollment changes (e.g., course capacity, grading structure [pass/fail, A-F])
- Changes in program policies/procedures
- Changes to Program Student Learning Outcomes (PSLOs)
- College-wide initiatives (e.g., High-Impact Practices)
- Faculty, staff, student development
- Other
- No changes were implemented last year. (If no options above were selected)

If you checked "Other" above, please describe. (100 words or less)

This is the first assessment of the program.

6. Do you have any information about how well these or other past improvements are working? Are they achieving their intended goals? Please include any data or assessment results that help you demonstrate this. (1000 words or less)

NA

DEAN SECTION (Due to the program on January 15)

- 1. Based on the program's responses above, what guidance and support do you have for the program moving forward? (200 words or less)**

This first assessment report for the program is a good start. In the future, the assessment process might benefit from the consideration of the following: the number of students in the program, the number of students not meeting expectations, and the relationship between students in the courses and in the program (for example are the students in the math class that were assessed all in the OEC). Additionally, this information, along with details on the specific courses being assessed should be included in the report. The program is encouraged to implement the support structures discussed above for mathematics students.

- 2. Discuss what the program is doing particularly well in terms of its processes for the assessment and improvement of student learning, for example, the use of a common rubric or prompt, a signature assignment, etc. (200 words or less)**

The program is commended for starting the OEC and providing this opportunity for students.

Dean's signature:

Jenny McNulty

Date: 1/13/2025