REPORT ON AY2022-2023 ACADEMIC ASSESSMENT

Submission date: Select date.

Assessment Plan covered in the report: Radiologic Technology AAS

College: College of Health

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

Submitted by: Kathryn M. Slagle, Program Director, Term Assistant Professor; kslagle@alaska.edu

After responding to the questions below, the program should email this form to the dean, with a copy to the appropriate community campus director(s) if the program is delivered on a community campus.

1. **Please list and number the Program Student Learning Outcomes your program assessed in AY23. For each outcome, indicate one of the following: Exceeded faculty expectations, Met faculty expectations, or Did not meet faculty expectations.**

Example: 1. Communicate effectively in a variety of contexts and formats – Exceeded faculty expectations; 2. Adopt critical perspectives for understanding the forces of globalization and diversity – Met faculty expectations.

SLO#1 Demonstrate proficiency and competency in the performance of radiographic procedures utilizing proper exposure techniques - Met faculty expectations

SLO#2 Apply entry-level knowledge and skills as a radiologic technologist - Met faculty expectations

SLO#3 Demonstrate a professional attitude and proper ethical behavior in clinic settings - Met faculty expectations

SLO #4 Utilize effective oral and written communication with patients, physicians, and other healthcare providers – Exceeded faculty expectations

2. **Describe your assessment process in AY23 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)*

Class of 2023 completed 4 end of program surveys Spring of 2023.

The Program Clinical Coordinator collected data from student clinical evaluations.

The Program Director collected data from the ARRT on graduate registry results and the student exit surveys.

An attempt was made to collect post-graduation and employee data. Due to low or no return of surveys no data could be collected.

Data was entered in the program's assessment spreadsheet to include outcomes, trends and action taken. All benchmarks were met. However, there were many areas of decrease from last year. This is why 3 out of the 4 SLO's the program reported met faculty expectations.

Multiple conversations throughout AY 22 and AY23 occurred. Faculty at one site received greater scrutiny by the students. Another area of concern was the continued low rating from students on the program's support of ethical concepts. Another conversation was the national decrease of both pass rate and average score of the ARRT registry and if the UAA program would see the same decrease.

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

All benchmarks were met or exceeded and the program could have reported no concern and no action taken for all SLO's. However, due to the decrease in several measurement tools in 3 of the 4 SLO's, faculty choose to take a closer look, consider what may have occurred and act if needed.

There were three areas of concern. (1) Graduates exceeded the national average and the program benchmark in all ARRT measurement tools but there is a decrease in several registry reports from the ARRT. (2) Student exit surveys exceeded the program benchmark but there was a decrease in the overall rating in areas of the surveys. The trend seems to be any question regarding program support decreased from the previous year. There were also more disagree or strongly disagree ratings. (3) The program exceeds the benchmark for SLO#3 but this continues to be the lowest outcome of all SLO's, especially in the student's evaluation of clinical sites.

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)*
   (1)Beginning fall of 2023, students will meet in the fall of their senior year with the program director to discuss their plan to prepare for the ARRT registry after graduation. This meeting will also occur mid-term in their last semester to follow up. Throughout the program students take multiple comprehensive exams to test retention of material. However, three students in the Class of 2023 did not pass the registry in their first attempt. This is the highest first time attempt failure rate for the program. Providing an opportunity for students to talk to someone about their plans has value. But, it may take several years to

see if these meetings have an affect on student performance. (2)Unfortunately, some students in the class of 2023 experienced a dramatic change in how they viewed program support from their first to second year. As a result, faculty at al sites have greatly increased their presence, outreach and communication to provide greater consistency. This year the program is piloting a new approach to distance labs to include more video conferencing with students and a faculty member. Faculty members have increased travel to all sites in the program. The program director will be meeting with all distance students through the end of the fall 2023 semester and will utilize unique student feedback surveys for different sites. Feedback will be reported in next year's assessment report. (3)The program will be sending out a survey to students to ask what the program could do to increase support, especially in clinical, for SLO#3. Feedback will be reported in next year's assessment report.

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 in AY23. *(If no options above were selected)*

If you checked "Other" above, please describe. *(100 words or less)*
As stated in #4, this academic year the program is testing a new module to teach labs, specifically for distance students. .

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)*

At this time, there is no data to report on changes in teaching methods. The program does check in with distance site lab instructors on a routine basis but the first-time feedback will be officially collected from distance lab instructors at the end of the Fall 2023 semester.

DEAN SECTION (Due to the program on January 15)

After completing the Dean Section and signing it, the dean should email this form to the program, and copy uaa_oaa@alaska.edu for posting. If the program is delivered on one or more community campus, the dean should consult with the appropriate community campus director(s) on the response and copy the appropriate community campus director(s) when emailing the response to the program.

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

   The Radiologic Technology program demonstrates a strong commitment to program assessment and program improvement. Faculty are commended for expanding measurement tools of PSLO's and looking in-depth at results. This program assessed four PLSO's with all meeting or exceeding faculty expectations. Of note, is PLSO #4 exceeding faculty expectations which is an improvement over AY22 outcomes. The program has outlined a solid plan to address areas of concern and would benefit from a close look at cohort data to determine if there is a change in student feedback and outcomes from year one to year two and/or cohorts on different campuses.

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 Radiologic Technology program is to be commended on a thorough and intentional assessment process.   This program utilizes multiple sources of data in program review including national standards data, student feedback on core competencies and advisory board feedback. Use of these tools facilitated an in-depth look with the identification of three areas of concern and actionable steps to address these concerns and measure progress in the next assessment cycle. This program sets a strong example in the benefits of thorough program assessment to inform program improvements and track outcomes.

Cary C Moore

Dean's signature: _____   **Date:** 1/8/2024