

REPORT ON AY2022-2023 ACADEMIC ASSESSMENT

Submission date: 2/12/2024

Assessment Plan covered in the report: Professional Piloting AAS

College: Community and Technical College

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

Submitted by: Ishmael Cremer, Assistant Professor, UAA

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.

1) Demonstrate proficiency in instrument pilot and commercial pilot knowledge and flight skills. This year's results in ATP A200 and ATP A116 indicate a consistent high standard for our Professional Piloting students. 100% and a 90% pass rate for the two main piloting ground classes. Our flight classes are over 85% pass rate upon completion. - Exceeded faculty expectations.

2) Demonstrate knowledge of aviation law and regulations, and of the legal issues affecting the aviation industry. Final grades for all ATA A133 students are used since that course covers Aviation Law, and Regulations. 87% of students earned a passing grade in AY23. - Exceeded faculty expectations

3) Demonstrate knowledge of the issues affecting aviation safety and safety management. We use the final grades from ATA 233, Aviation Safety, and from the final project for ATA A233 giving us an optimum measure of aviation safety knowledge. This year's results of 87% pass rate indicates a consistent high standard for our Professional Piloting students. - Exceeded faculty expectation

4) Demonstrate knowledge of aviation weather and of aviation weather services. Used measures taken from ATA A200 Commercial Ground and ATA A235 Elements of Weather final grades, which provides an accurate assessment of knowledge of aviation weather. 92% pass rate in ATA A235

indicates that students possess a strong understanding of aviation weather at the end of those courses. - Exceeded faculty expectation

- 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)**

All faculty members keep their records in Blackboard and provide those to the assessment coordinator. The coordinator is then in charge of compiling the statistics, preparing the report, and sharing the information with the faculty.

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

The findings demonstrate that our faculty are working hard to ensure our piloting program students have a strong understanding of flight, law, weather, and safety. These are core fundamental elements of aviation. It indicates that we are progressing and improving our teaching methodologies after coming out of the last few years post-pandemic and getting more into a solid rhythm of teaching that is of high quality and consistent.

- 4. Based on the findings, did the faculty make any recommendations for changes to improve student achievement of the Program Student Learning Outcomes? No**

- 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)**

- 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)

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)

We have focused on hiring faculty who seemed like they would stay longer than just a year or two. We have been successful in that element. We specifically hired piloting faculty who were also active flight instructors on our flight line. This last AY23 assessment results show that this has been a very successful improvement and key to having a strong and consistent result.

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 uag_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)

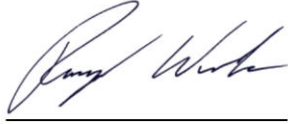
3.) The faculty are still in flux, with a number of term faculty that are staying only a year or two. Currently, we are searching for a tenure track faculty in Piloting, Air Traffic Control, and Aviation Maintenance. Once those faculty are hired, it is my recommendation that those faculty be trained directly on assessment and be placed in that role to reduce strain on the current faculty working on specific projects.

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)

4.) The faculty should be commended on the high level of achievement even with the consistent shifting in faculty. As stated, the goal has been to focus on high quality instructors and faculty, and

they have achieved that. The faculty should also be commended on the focus of industry needs and training that leads to career success.

Dean's signature:



A handwritten signature in black ink, appearing to read "Randy White", written over a solid horizontal line.

Date: 2/23/2024