Academic Affairs
UNIVERSITY of ALASKA ANCHORAGE

REPORT ON AY2022-2023 ACADEMIC ASSESSMENT

Submission date: 11/17/2023

Assessment Plan covered in the report: Industrial Process Instrumentation AAS

College: Community and Technical College

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

Submitted by: William Howell, Assistant Professor, whowelljr@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:

    Outcome #4 (describe the techniques for troubleshooting an orifice meter and flow control loop using either electronic or pneumatic equipment): Assessed one class, 8 students: 75% B or better. Exceeded faculty expectations.

    Outcome #5 (identify the voltage drops in a series connected current loop or a parallel connected voltage loop): Assessed two classes, 12 student exams, 60% C or better. Met 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)

    Program Assessment is accomplished using a three-year rotation. Designated Program Student

Learning Outcomes data is submitted by faculty to the KPC Faculty Services Office Manager. The data is correlated with program student outcomes. Aggregated data reviewed by faculty at the annual faculty assessment meeting and by smaller departmental groups. Faculty provide comments for the narrative report.

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

Changes in intensive lab scheduling implemented in previous cycle have produced increases in successful student outcomes.

4.

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

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 removed the degree prerequisites for all PETR and ET courses to facilitate easier registration for students seeking to take the courses as electives. This change was only recently implemented, so no data has yet been accumulated as to its impact.

---

1. • } v š Z ‰ Œ } P Œ u [• Œ • ‰ } v • • } À U Á Z š P µ] v v • µ ‰ ‰ } Œ š moving forward? (200 words or less)

The faculty should continue to work through the streamlining process for their program. In this case, their actions have shown great strides to improve student success and reducing barriers. As such it is recommended that the faculty continue to use the current process and address the issues as they come up. Additional assistance, when needed, should be sought by the Director of KPC or myself.

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 has done a good job of working through the scheduling issues associated with