

Student Learning Outcomes Assessment Summary

Professional Piloting AAS

University of Alaska/ Community and Technical College

AYs 2014-2016

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1. Assessment information collected

Surveys were conducted of the Professional Piloting AAS degreed students whose whereabouts were known, either by phone, or in person at various aviation related meetings and conventions.

Employers were surveyed at the Aviation Department's Advisory Committee Meetings, during job and trade fairs, and discussions at the hiring company's headquarters.

There were three questions asked related to the outcomes assessment.

1. Are the programs students attractive candidates for aviation related jobs?
2. Did the programs students pass the required FAA Written tests for the piloting certificate ratings sought?
3. Are employers of the graduates satisfied with the skills that the graduates pose?

2. Conclusions drawn from information summarized above

1. Of the graduates questioned, approximately 50% are employed in the aviation field. The majority of the recent graduates are not working as commercial pilots at this time, due to the high number of flight hours (1200 plus) required to

get an air transport pilot certificate, required for a captain's position. They are still currently working in aviation related fields, and continuing with flight hours. Approximately 40% have enrolled in a four year college degree program to earn a bachelor's degree with an aviation background. Approximately 10% of the students completed the degree in pursuit of personal interests.

2. Of the students who completed the courses, 100% passed the required federal exams and certification.
3. All of the employers reported good qualities in the graduates, with a comment that there were not enough of them.
4. In interviewing the current students enrolled in the degree program or taking the AAS Professional Piloting courses, greater than 80% have or are planning to include or convert to a four year bachelor degree program, and use the required AAS Profession Piloting courses as a minor within a bachelor degree program.

3. Curricular changes resulting from conclusions drawn above

Changes in the advising of elective courses are in process, due to current trends and comments from past and current students in the AAS Professional Piloting degree. As a result of these comments, the number of flight hours required, and the options of four year degree programs, a long term advising sequence and career path is discussed with each student as they enter and progress through the program. As a result of interviews with employers, students are advised that there is a shortage of pilots, mechanics, and, general aviation minded employees. It was emphasized that in Alaska, localized knowledge or the willingness to learn about the specific Alaskan conditions are a quality that is valued in the industry.

4. Identify the faculty members involved in reaching the conclusions drawn above and agreeing upon the curricular changes resulting

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