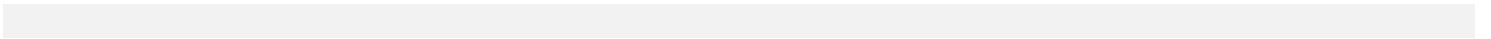


Undergraduate Certificate
Master's

Associate
Doctorate

Baccalaureate



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program are retained, far below the rate for all UAA associate degree programs. The problems are acknowledged by the review committee, which notes the program was recently revised to use fewer general business courses and to better align to the BSAT.

Program Duplication / Distinctiveness Duplication: UAA has the only Aviation Administration AAS program in Alaska. Distinctiveness: It is unclear what is distinctive about the program, since it purposefully serves a broad audience.

Commendations and Recommendations Commendations: The program is commended for its recent efforts to revise curriculum. Recommendations: The program should review and revise its schedule to minimize the number of duplicated courses. The program should proactively monitor the progress of its remaining students and offer support as needed to ensure they can complete their degrees.

Decision *Suspension, with intent to Delete, of the AAS;* While decisions relative to the program are made, admissions to the program are suspended.

Submission date: 1/31/2020

Program/s in this review:

Progra

Most people have heard of the current issues with pilot and maintainer shortages within the industry. However, there has been little press about the operational side of aviation as there will also need to be more airline and airport managers. The piloting and maintainer shortages have led to fewer pilots and aviation maintenance technicians changing from line duty to management positions, leaving a gap in logistics and planning at aviation companies. Another demand identified is the development of the emerging Unmanned Aircraft Systems (UAS) industry worldwide. This new industry will require aviation administration professionals and was not included in AKDOL statistics and forecasts. Finally, there is a significant need for professionals that have knowledge of Safety Management Systems and management.

2. Program Demand (including service to other programs), Efficiency, and Productivity (7 year trend; 1400 words or less)

The AAS in Aviation Administration has seen degrees awarded trending upward. However, in 2019 the degrees awarded dropped to three. One possible reason this occurred is we streamlined the AAS curriculum to be more aviation-centric and aligned it with the industry. As students have transitioned to the bachelor's degree rather than complete the associates. As these courses are shared by the AAS and BSAT, they have solid enrollment and have a high average pass rate, maintaining an average of 93.2%. The students are able to complete our courses the first time attempted, and it should be noted that while we have a high pass rate, our students meet our assessment goals and are respected in the industry. We expect the course pass rates to continue to remain high.

We have a higher than normal number of credits to complete the curriculum, with the average being 77, though this number is lower in the 2019 academic year. It is possible that the curriculum is leading students to complete more credits than necessary. Beginning last year the number of credits needed to complete the degree is trending downward, possibly because we now have more overlap with the BSAT.

Over the last seven years we have seen a wide variation in the number of majors. We peaked at 41 in 2014, but have declined down to 28 in 2019, with a recorded low of 9. Part of the issue stems from the overlap with the degree-required business courses. Students had trouble registering for the business courses and this caused some students to leave the program. Last year we adjusted the curriculum to be more aviation-centric, having less reliance on the offerings of the College of Business and Public Policy, which we expect to stabilize the enrollments in the program. With the decrease in majors we also saw a drop in student credit hour production. The student credit hour production has been varied over the last seven years. The highest was in 2015 at 2382, and last year was 2087. However, when compared to our continued increase in credit hours per full time equivalent faculty it shows that we have less cost associated with the credit reduction. Aviation management courses are, in general, some of our most efficient courses with larger student to instructor ratios. We are also preparing to move a few aviation management courses to online delivery. Offering online courses should also increase credit hours.

The enrollment vs. FTEF has had a positive trend over the last seven years with last year being the highest at 152.2 enrollment per faculty. One possible reason for this trend is the limited dedicated

Our assessment of the program shows that we are maintaining a high level of knowledge and performance. The students are able to address aviation management concerns, understand basic aviation safety assessments and human factors to a better than 80% average. However, our largest finding over the last seven years was a lack of knowledge and understanding of aircraft operating limitations and performance. Many students did not see how aircraft performance applied to management, and the courses were not

Many

Many

Many

programs that often acts as the first step for aviation students unsure about attending college. With a curriculum that is not intimidating, yet rigorous, the opportunities afforded by this degree are limited only by the goals of the student. This is also an excellent degree for aviation business owners looking to improve their