

# Associate of Applied Science in Professional Piloting

The Associate of Applied Science (AAS) in Professional Piloting prepares students with knowledge of aerodynamics, aircraft engine and system operation, aircraft operating limitations and performance, weather and atmospheric processes, as well as navigation and communication methods. This degree program prepares graduates for careers in professional flying.

## Licensure and/or Certification

Students that complete the AAS in Professional Piloting will obtain their commercial pilot certificate with an instrument rating in both single and multi-engine aircraft.

Please go to UAA's Authorization by State ([https://www.uaa.alaska.edu/academics/office-of-academic-affairs/provost\\_office/uaa-state-authorization/authorization.cshtml/](https://www.uaa.alaska.edu/academics/office-of-academic-affairs/provost_office/uaa-state-authorization/authorization.cshtml/)) website for information about licensure or certification in a state other than Alaska.

## Admission Requirements

- Complete the Admission Requirements for Associate Degrees (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>).
- It is recommended that students planning to enroll in the AAS in Professional Piloting obtain a Federal Aviation Administration (FAA) second-class airman medical certificate (Federal Aviation Regulation Part 67, Subpart C) to assure they meet the medical qualifications to complete the program.

## Special Considerations

- Students must meet with the aviation academic advisor to obtain department approval to register for all flight courses. Flight training costs are not included in university tuition and fees. Flight training costs are based on hourly rates established for each aircraft type flown. Students will be provided with current hourly flight costs and program cost estimates when they meet with the department's academic advisor.
- Students must possess a valid FAA second-class airman medical certificate before beginning any flight training.
- U.S. citizens must present verification of U.S. citizenship before beginning any flight or airplane simulator training. The following three methods are acceptable: an unexpired U.S. passport, an original or raised seal official copy of birth certificate, or an original or raised seal official copy of Certificate of Naturalization. Non-U.S. citizens must register and receive approval from the Transportation Security Administration before beginning any flight or simulator training. Please contact the Aviation Technology Division (ATD) Office for information.

- Once formally admitted to the AAS in Professional Piloting or the Bachelor of Science (BS) in Aviation Technology or registered for aviation classes at UAA, all subsequent required flight training must be completed in residence at UAA. Enrolled students who receive flight training outside UAA under specific curricula will not receive credit for the corresponding UAA courses.
- All students are required to complete a minimum of the FAA Instrument Airplane Pilot Rating and the FAA Commercial Airplane, Single Engine, Land pilot certificate while in residence at UAA.
- Military pilots may petition to have appropriate curriculum requirements awarded based on FAA pilot certificates held on a case-by-case basis.
- Once enrolled in ATP A101 , ATP A126 , ATP A218 , ATP A219 , ATP A220 , and/or ATP A305, students are expected to complete the course requirements within 12 months from the date of registration. Failure to do so will be considered unsatisfactory progress and will result in a failing (F) grade in that registered flight course.
- The FAA has authorized UAA to certify its professional piloting graduates as eligible for an airline transport pilot certificate with reduced aeronautical experience.

## Graduation Requirements

- Complete the General University Requirements for Associate of Applied Science Degrees (<http://catalog.uaa.alaska.edu/undergraduateprograms/aasrequirements/>).
- Complete the General Education Requirements for Associate of Applied Science Degrees. (<http://catalog.uaa.alaska.edu/undergraduateprograms/aasrequirements/generaleducationrequirements/>)
  - For the Quantitative Skills requirement choose MATH A151 or higher.
- Complete the following major requirements:

Code	Title	Credits
<b>Core Courses</b>		
ATA A102	Introduction to Aviation Technology	3
ATA A133	Aviation Law and Regulations	3
ATA A233	Aviation Safety	3
ATA A331	Human Factors in Aviation	3
ATP A100	Private Pilot Ground School	3
ATP A101	Pre-Professional Flying	2
ATP A116	Instrument Ground School	3
ATP A126	Instrument Flying	2
ATP A200	Commercial Ground School	3
ATP A218	Commercial Flying I	1.5
ATP A219	Commercial Flying II	1.5
ATP A220	Commercial Flying III	2
ATP A235	Elements of Weather	3
ATP A305	Airplane Multiengine Land Rating	2
PHYS A123	College Physics I	3

PHYS A123L	College Physics I Laboratory	1
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Total		39

**A minimum of 60 credits is required for the degree.**

## **Program Student Learning Outcomes**

At the completion of this program, students will be able to:

- Demonstrate proficiency in instrument pilot and commercial pilot knowledge and flight skills
- Demonstrate knowledge of aviation law and regulations, and of the legal issues affecting the aviation industry
- Demonstrate knowledge of the issues affecting aviation safety and safety management
- Demonstrate knowledge of aviation weather and of aviation weather services.