Professional Piloting (AAS)

EXPLORE YOUR OPPORTUNITIES

The AAS in Professional Piloting prepares graduates for careers in professional flying by equipping individuals with the knowledge needed for success: aerodynamics, aircraft operating limitations and performance, weather and atmospheric processes, and navigation and communication methods. Students become proficient in instrument pilot and commercial pilot flight skills, gain knowledge in aviation law and regulations, and demonstrate knowledge of issues affecting aviation safety.

Educational Pathway Options

Recommended Preparation

High School

- Algebra II
- Geometry
- Trigonometry
- Pre-Calculus
- Reading & Writing Skills
- Computer Applications*
- Physics
- Aviation*

* Students may earn college credit through Tech Prep, uaa.alaska.edu/techprep.

Certificates

2 Years

Aviation Maintenance Technology

- Powerplant
- Airframe

Associate of Applied Science (AAS)

2-3 Years

Professional Piloting

Bachelor of Science (BS)

4-5 Years

Aviation Technology
Emphasis Areas:

- Air Traffic Control
- Aviation Management
- Professional Piloting

UAA COMMUNITY AND TECHNICAL COLLEGE

CAREER CONNECTIONS
- Transportation, Distribution, & Logistics
- Hospitality & Tourism

APPLICATION PROCESS

OFFICE OF ADMISSIONS

1. Apply for admission at www.uaa.alaska.edu/admissions.
2. Review admission requirements for your student type.
3. Submit required documents to UAA Office of Admissions (see below).
4. Take the SAT, ACT, or Accuplacer test for English and math course placement. Call the UAA Advising & Testing Center at 907.786.4500 for testing information.
5. Make an appointment for academic advising at 907.786.7205 and meet regularly with an advisor.
6. Access the Future Student Checklist online at http://www.uaa.alaska.edu/futurestudents/checklist.cfm to stay on track.

PROGRAM HIGHLIGHTS

- Formal classes in "Bush" flying to prepare pilots for the unique challenges of flying in Alaska
- Curriculum and flight training program approved by the Federal Aviation Administration (FAA)
- Credits awarded for previous flight training upon approval
- State-of-the-art training complex with simulation devices
- Faculty and facilities provide advanced education and research projects
- Aviation division is a part of the Center of Excellence for General Aviation–a collaborative research effort between very prominent universities
- Program faculty includes one of only two aviation instructors in Alaska with a Master Certified Flight Instructor (CFI) title, which is accredited by the National Association of Flight Instructors (NAFI)

INDUSTRY REQUIREMENTS

Students must pass an FAA Class II medical exam and present verification of U.S. citizenship before beginning any flight or simulator training.

Non-U.S. citizens must register and receive approval from the Transportation Security Agency (TSA) before beginning any flight or simulator training.

PROGRAM REQUIREMENTS

Once formally registered for aviation classes at UAA, all subsequent flight training must be completed in residence at UAA.

All aviation students must meet with an academic advisor in the Aviation Technology Division prior to beginning any program of study.

PROFESSIONAL PILOTING (AAS)

This is a suggested course sequence based on the 2008-2009 UAA Course Catalog. Please refer to the current catalog for complete information.

SEMESTER 1 (17 credits)

		Semester	Grade
ATP 100	Private Pilot Ground School (3)	_____	_____
ATP 101	Pre-Professional Flying (2)	_____	_____
ATA 102	Introduction to Aviation Technology (3)	_____	_____
ATA 233	Aviation Safety (3)	_____	_____
ATP 235	Elements of Weather (3)	_____	_____
ENGL 111	Methods of Written Communication* (3)	_____	_____

SEMESTER 2 (14-15 credits)

ATP 116	Instrument Ground School (3)	_____	_____
ATP 126	Instrument Flying (2)	_____	_____
ATP 231	Search, Survival, & Rescue** (3)	_____	_____
ENGL 212	Technical Writing* [required GER] (3)	_____	_____
Choose one of the following:*		_____	_____
MATH 105	Intermediate Algebra (3)		
MATH 107	College Algebra (4)		
MATH 172	Applied Finite Mathematics*** (3)		

SEMESTER 3 (15 credits)

		Semester	Grade
ATP 200	Commercial Ground School (3)	_____	_____
ATP 218	Commercial Flying I (1.5)	_____	_____
ATP 219	Commercial Flying II (1.5)	_____	_____
ATA 132	History of Aviation (3)	_____	_____
COMM 235	Small Group Communication (3)	_____	_____
CIS 110	Computer Concepts in Business (3)	_____	_____

SEMESTER 4 (15 credits)

ATA 133	Aviation Law and Regulations (3)	_____	_____
ATP 220	Commercial Flying III (2)	_____	_____
ATA 337	Airline Operations (3)	_____	_____
PHYS 123/L	Basic Physics I (with lab)* (4)	_____	_____
PHIL 101	Introduction to Logic [required GER] (3)	_____	_____

A total of 61-62 credits is required for this degree.

* *Prerequisite or placement testing required*
** *Offered spring semester only*
*** *Prerequisite for MATH 272 (a course required if students wish to complete the Bachelor of Science in Aviation with an Aviation Administration emphasis)*

01-2009

AVIATION TECHNOLOGY DIVISION: 907.786.7200
AVIATION WEBSITE: www.uaa.alaska.edu/aviation
COMMUNITY & TECHNICAL COLLEGE: 907.786.6400
CTC WEBSITE: www.uaa.alaska.edu/ctc

UAA OFFICE OF ADMISSIONS: 907.786.1480
ADDRESS: P.O. Box 141629, Anchorage, AK 99514-1629