

Air Traffic Control (AAS)



EXPLORE YOUR OPPORTUNITIES

The AAS degree prepares graduates for the technical requirements of the air traffic control profession, and for entry into the FAA Academy. These professionals utilize knowledge of aircraft operating limitations and performance, weather and atmospheric processes, radar theory and systems, Federal regulations, the U.S. air traffic control system, and navigation methods within the National Airspace system.

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

Air Traffic Control

Bachelor of Science (BS)

4-5 Years

Aviation Technology
Emphasis Areas:

- Air Traffic Control
- Aviation Management
- Professional Piloting

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.

The University of Alaska Anchorage has been continuously accredited by the Northwest Commission on Colleges and Universities since 1974. This brochure is for information purposes only and does not constitute a contract. UAA is an EO/AA employer and educational institution.

PROGRAM HIGHLIGHTS

- Ranked 3rd out of 31 approved College Training Initiative (CTI) Air Traffic Control (ATC) schools by the FAA
- Facilities equipped with state-of-the-art simulation equipment in both terminal & enroute radar control and tower operations, including one of only a handful of interactive 360 degree tower simulators in the world
- Lab sessions provide a high level of individual attention
- Program has 99 percent success rate for FAA Academy completion
- 18 month, 2 year, and 4 year programs available for eligible students

INDUSTRY REQUIREMENTS

UAA does not have a restriction on maximum age or physical condition of students. However, students should be aware of Federal Aviation Administration (FAA) employment requirements such as:

- ▶ Air traffic control specialist medical examination
- ▶ 31 year maximum age restriction for students anticipating employment in terminal or enroute options

Visit www.faa.gov/jobs/job_opportunities/airtraffic_controllers for more information.

AIR TRAFFIC CONTROL (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 (15 credits)		Semester	Grade
ATP 100	Private Pilot Ground School (3)	_____	_____
ATA 102	Introduction to Aviation Technology (3)	_____	_____
ATA 132	History of Aviation (3)	_____	_____
ENGL 111	Methods of Written Communication** (3)	_____	_____
<i>Choose one of the following:</i>			
ATA 133	Aviation Law & Regulations (3)	_____	_____
ATA 134	Principles of Aviation Administration (3)	_____	_____

SEMESTER 2 (15 credits)		Semester	Grade
ATC 143	ATC Regulations* (3)	_____	_____
ATC 144	ATC Flight Procedures* (3)	_____	_____
ATC 147	Pilot/Controller Techniques* (3)	_____	_____
ATP 235	Elements of Weather (3)	_____	_____
<i>Choose one of the following**:</i>			
ENGL 211	Academic Writing About Literature (3)	_____	_____
ENGL 212	Technical Writing [Recommended] (3)	_____	_____
ENGL 213	Writing in the Social & Natural Sciences (3)	_____	_____
ENGL 214	Persuasive Writing (3)	_____	_____

SEMESTER 3 (16 credits)		Semester	Grade
ATC Lab	Tower (241), Radar (242), or Enroute (243) Lecture and Lab* (4)	_____	_____
ATC 325	Tools for Weather Briefing (3)	_____	_____
MATH 105	Intermediate Algebra** (3)	_____	_____
<i>Choose one of the following:</i>			
ATP 231	Search, Survival, & Rescue (3)	_____	_____
ATP 232	Advanced Aviation Navigation (3)	_____	_____
ATA 233	Aviation Safety (3)	_____	_____
<i>And one of the following:</i>			
COMM 111	Fundamentals of Oral Communication (3)	_____	_____
COMM 235	Small Group Communication* [Recommended] (3)	_____	_____
COMM 237	Interpersonal Communication (3)	_____	_____
COMM 241	Public Speaking (3)	_____	_____

SEMESTER 4 (14 credits)		Semester	Grade
ATC Lab	Tower (241), Radar (242), or Enroute (243) Lecture & Lab* (4)	_____	_____
ATC Lab	Tower (241), Radar (242), or Enroute (243) Lecture & Lab* (4)	_____	_____
Elective	Choose from list below*** (3)	_____	_____
GER Elective	Social Sciences, Natural Sciences, Math, or Humanities (3)	_____	_____

A total of 60 credits is required for this degree.

* ATC specific courses

** Prerequisite or placement testing required

*** ATA: 133, 134, 233; ATP: 231, 232 (choose one NOT selected above)
ATA: 116, 200, 331, 335, 336, 337, 425, 431, 490; ATP: 116, 200

- Students can begin the degree at any time; however, ATC specific courses are restricted to 80 new students per academic year due to lab sizes. Students are notified in writing prior to beginning the degree if there is a delay in starting ATC sequenced courses.
- Students may begin in the summer, spring, or fall semesters. ATC specific courses are progressive and must be taken in the correct sequence.
- If admitted in the summer semester, it is possible to complete the program in 18 months. However, students must place into ENGL 111. Beginning the program in the spring or fall semester will require a full two years to complete.

