



# Piloting, Professional

## College of Rural Alaska

Tanana Valley Campus

(907) 474-5081

[www.tvc.uaf.edu/programs/avt-info.html](http://www.tvc.uaf.edu/programs/avt-info.html)

Degree: A.A.S.

Minimum Requirements for Degree: 60 credits

The professional piloting curriculum leads to an associate of applied science degree for individuals pursuing a career as a professional pilot. Courses are also offered for currently rated flight crew members to refresh or upgrade their aeronautical knowledge to maintain and enhance their qualifications. Ground schools and related courses are taken in residence, while flight training is arranged through local flying schools.

Rated pilots or military aviators may be eligible for credit based upon experience, through the Credit for Prior Learning program. Students may request credit by examination for any AVTY class. See the department for details.

A minor in aviation technology will give students an opportunity to become familiar with the field of aviation, with particular emphasis on the use of aviation as a tool and economic process within the Alaska environment.

## UNDERGRADUATE PROGRAM

### MAJOR

#### Professional Piloting—A.A.S. Degree

1. Complete the general university requirements (page 28).
2. Complete the A.A.S. degree requirements (page 31).
3. Complete the following program (major) requirements:\*
 

AVTY 100—Private Pilot Ground School .....	4
AVTY 101—Private Pilot Flight Training .....	2
AVTY 102—Commercial Ground Instruction .....	3
AVTY 103—Commercial Flying .....	2
AVTY 155—Preventive Maintenance for Pilots (3) or AFPM advisor-approved course(s) (3) .....	3
AVTY 200—Instrument Ground School .....	4
AVTY 201—Instrument Flight Training .....	2
AVTY 231—Arctic Survival .....	3
AVTY 235—Elements of Weather .....	3

4. Complete 15 credits from the following major specialty electives:\*
 

ATM 101X—Weather and Climate of Alaska .....	4
AVTY 105—Seaplane Flight Training .....	1
AVTY 107—Multi-Engine Flight Training .....	1
AVTY 108—Introduction to Skis .....	1
AVTY 109—Glider Flight Training .....	1
AVTY 116—Aviation History .....	3
AVTY 121—Introduction to Aviation Safety .....	2
AVTY 202—Flight Instructor Ground School .....	3
AVTY 203—Flight Instructor Flight Training .....	2
AVTY 205—Instrument Instructor Flying .....	3
AVTY 206—Transport Pilot Ground School .....	4
AVTY 207—Transport Pilot Flight Instruction .....	2
AVTY 220—Basic Flight Physiology .....	3
AVTY 226—Flight Engineer Ground School .....	4
AVTY 232—Aviation Astronomy and Navigation .....	3
AVTY 233—Loran C and GPS Navigation .....	1
AVTY 239—Aircraft Dispatcher .....	4
AVTY 305—Legal Aspects of Aviation .....	3
5. Complete general electives .....
6. Minimum credits required .....

\* Student must earn a C grade or better in each course.

### MINOR

#### Aviation Technology

1. Complete the following foundation courses:
 

AVTY 100—Private Pilot Ground School (4) or AVTY 111—Fundamentals of Aviation (3) .....	3-4
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2. Complete the following core courses:
 

AVTY 231—Arctic Survival .....	3
AVTY 305—Legal Aspects of Aviation .....	3
3. Complete 3 credits from the following electives:
 

AVTY 402—Aircraft Management .....	3
AVTY 405—Advanced Aircraft Operations .....	3
4. Complete 3 AVTY credits .....
5. Minimum credits required .....



# University of Alaska Fairbanks

Admissions • P.O. Box 757480 • Fairbanks, AK 99775-7480 • [admissions@uaf.edu](mailto:admissions@uaf.edu) • [www.uaf.edu](http://www.uaf.edu)

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