PILOTING, PROFESSIONAL

College of Rural and Community Development
Community and Technical College
907-455-2851
www.ctc.uaf.edu/programs/pilot/

A.A.S. Degree
Minimum Requirements for Degree: 60 credits

The professional piloting program offers a series of aviation piloting courses ranging from ground school classes for private through commercial flying, arctic survival, weather and aircraft maintenance. Rated pilots or military aviators may be eligible for credit based upon experience and FAA certificates, which may be applied towards an associate of applied science degree in professional piloting or a minor in aviation technology. See department personnel for details. UAF does not offer flight instruction.

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.

Major — A.A.S. Degree
1. Complete the general university requirements (page 95).
2. Complete the A.A.S. degree requirements (page 99).
3. Complete the following program (major) requirements:* 
   a. AVTY F100—Private Pilot Ground School..............................4
   b. AVTY F102—Commercial Ground Instruction..........................3
   c. AVTY F155—Preventive Maintenance for Pilots (3)
   or AFPM advisor-approved course(s) (3) .....................................3
   d. AVTY F200—Instrument Ground School.................................4
   e. AVTY F231—Arctic Survival..................................................3
   f. AVTY F235—Elements of Weather.........................................3

   b. Complete 15 credits of program approved major specialty electives* 
      (see web page or contact department for suggested list of courses, 
      many of which the applicant may obtain credit for based upon experience or ratings).
4. Complete general electives.....................................................10
5. Minimum credits required.....................................................60

* Students must earn a C grade (2.0) or better in each course.

Minor
Aviation Technology
1. Complete the following foundation courses:
   AVTY F100—Private Pilot Ground School..............................4
2. Complete the following core courses:
   AVTY F155—Preventive Maintenance for Pilots.........................3
   AVTY F231—Arctic Survival..................................................3
   AVTY F235—Elements of Weather.........................................3
3. Complete 3 credits from the following electives:
   AVTY Elective (3)
   or AFPM advisor approved elective (3) .....................................3
4. Minimum credits required.....................................................16
All degrees (e.g. Certificate, A.A., A.A.S., A.S., etc) require additional courses. Refer to specific degree and program requirements.

Certificate Requirements

COMMUNICATION (2-3)
Complete one of the following:
- ENGL F111X .................................................. (3)
- ABUS F170 .................................................. (3)
- ABUS F271 .................................................. (3)
- ANL F287 .................................................. (3)
- ENGL F211X .................................................. (3)
- ENGL F212 .................................................. (3)
- ENGL F213X .................................................. (3)
- COMM F131X ................................................ (3)
- COMM F141X ................................................ (3)
- DEV FS04 .................................................. (1 – 3)
- DEV FS05 .................................................. (3)

Other program-approved discipline-based communication course or discipline-based courses with embedded communication content. (2 – 3)

* ENGL F212 does not fulfill the second half of the written communication requirement for the bachelor’s degree.

COMPUTATION (2-3)
Complete one of the following:
- Any course at the F100-level or above in mathematical sciences (computer science, math or statistics). .............................................. (3)
- ABUS F155 .................................................. (3)
- DEV FS05 .................................................. (3)
- ECE F117 .................................................. (3)
- HLTH F116 .................................................. (3)
- HUMS F117 .................................................. (3)
- PRT F155 .................................................. (3)
- TTCH F131 .................................................. (3)

Other program-approved discipline-based computation course or discipline-based courses with embedded computation content. (2 – 3)

HUMAN RELATIONS (2-3)
Complete one of the following:
- ANTH F100X/SOC F100X .................................... (3)
- ABUS F154 .................................................. (3)
- ANL F287 .................................................. (3)
- ECE F245 .................................................. (3)
- ED/PSY F245 ................................................ (3)
- HLTH F106 .................................................. (3)
- HUMS F120 .................................................. (3)
- RHS F110 .................................................. (1)
- AND RHS F115 .......................................... (2)

Other program-approved discipline-based human relations course or discipline-based courses with embedded human relations content. (2 – 3)

MAJOR SPECIALTY CREDITS (minimum) ....................... 21

Minimum credits for required certificate .......................... 30

Associate of Applied Science Requirements

COMMUNICATION (9)
- ENGL F111X .................................................. (3)
- ABUS F170 .................................................. (3)
- ABUS F271 .................................................. (3)
- ANL F287 .................................................. (3)
- ENGL F211X .................................................. (3)
- ENGL F213X .................................................. (3)
- COMM F131X ................................................ (3)
- COMM F141X ................................................ (3)
- DEVS F105 .................................................. (3)

* ENGL F212 does not fulfill the second half of the written communication requirement for the bachelor’s degree.

COMPUTATION (3)
Complete one of the following:
- Any course at the F100-level or above in mathematical sciences (computer science, math or statistics). .............................................. (3)
- ABUS F155 .................................................. (3)
- DEV FS05 .................................................. (3)
- ECE F117 .................................................. (3)
- HLTH F116 .................................................. (3)
- HUMS F117 .................................................. (3)
- PRT F155 .................................................. (3)
- TTCH F131 .................................................. (3)

Other program-approved discipline-based computation course or discipline-based courses with embedded computation content. (3)

HUMAN RELATIONS (2-3)
Complete one of the following:
- ANTH F100X/SOC F100X .................................... (3)
- ABUS F154 .................................................. (3)
- ANL F287 .................................................. (3)
- ECE F245 .................................................. (3)
- ED/PSY F245 ................................................ (3)
- HLTH F106 .................................................. (3)
- HUMS F120 .................................................. (3)
- RHS F110 .................................................. (1)
- AND RHS F115 .......................................... (2)

Other program-approved discipline-based human relations course or discipline-based courses with embedded human relations content. (3)

MAJOR SPECIALTY CREDITS (minimum) ....................... 30

Minimum credits required for degree .............................. 60