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 121).

2. Complete the A.A.S. degree requirements (page 121).

3. Complete the following program (major) requirements:*

   a. AVTY F100—Private Pilot Ground School 4
   AVTY F102—Commercial Ground Instruction................................3
   AVTY F155—Preventive Maintenance for Pilots (3)
      or AFPM advisor-approved course(s) (3)...........................3
   AVTY F200—Instrument Ground School..4
   AVTY F231—Arctic Survival...3
   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 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

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Certificate Requirements

Communication . . . . 2-3 Credits

Complete one of the following:
- ENGL F111X—Introduction to Academic Writing.. (3)
- ABUS F170—Business English..(3)
- ABUS F271—Business Communications ....(3)
- ENGL F211X—Academic Writing about Literature.............................(3)
- ENGL F212—Business, Grant and Report Writing* ....(3)
- ENGL F213X—Academic Writing about the Social and Natural Sciences......(3)
- COMM F121X—Introduction to Interpersonal Communication ....(3)
- COMM F131X—Fundamentals of Oral Communication: Group Context .....(3)
- COMM F141X—Fundamentals of Oral Communication: Public Context......(3) or successful completion of competency test
- DEVS F104—University Communications.......................................(1-3)
- DEVS F105—Intensive Reading Development ....(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 Credits

Complete one of the following:
- Any course at the F100-level or above in mathematical sciences (computer science, math or statistics)..(3)
- ABUS F155—Business Math...(3)
- DEVM F105—Intermediate Algebra ....(3)
- ECE F117—Math Skills for Early Childhood Educators....................(3)
- HLTH F116—Mathematics in Health Care ....(3)
- HUMS F117—Math Skills for Human Services ....(3)
- TTCH F131—Mathematics for the Trades ....(3)
- Other program-approved discipline-based computation course or discipline-based courses with embedded computation content. ....(2-3)

Human Relations . . . . 2-3 Credits

Complete one of the following:
- ANTH F100X/SOC F100X—Individual, Society and Culture (s) ....(3)
- ABUS F154—Human Relations ....(3)
- ANL F287—Teaching Methods for Alaska Native Languages (h)....................(3)
- ECE F104—Child Development: Prenatal, Infants and Toddlers (s) ....(3)
- ECE F107—Child Development II: Preschool and Primary Years (s) ....(3)
- ED/PSY F245—Child Development (s) ....(3)
- HLTH F106—Human Behavior in Health Care (s) ....(3)
- HUMS F120—Cultural Diversity in Human Services.........................(3)
- RHS F110—Cross-Cultural Bridging Skills (1) AND RHS F115—Issues of Personal Development ....(2)
- Other program-approved discipline-based human relations or discipline-based courses with embedded human relations content. ....(2-3)

Major specialty ....**at least 21 Credits**

Electives to total .... **30 Credits**

Associate of Applied Science Requirements

Written Communication. . . . . 6 Credits

- ENGL F111X—Introduction to Academic Writing...(3)

Complete one of the following:
- ABUS F271—Business Communications ....(3)
- ENGL F211X—Academic Writing about Literature.............................(3)
- ENGL F212—Business, Grant and Report Writing* ....(3)
- ENGL F213X—Academic Writing about the Social and Natural Sciences......(3)

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

Oral Communication . . . . 3 Credits

Complete one of the following:
- COMM F121X—Introduction to Interpersonal Communication ....(3)
- COMM F131X—Fundamentals of Oral Communication: Group Context .....(3)
- COMM F141X—Fundamentals of Oral Communication: Public Context......(3) or successful completion of competency test

Computation. . . . . 3 Credits

Complete one of the following:
- Any course at the F100 level or above in mathematical sciences (computer science, math or statistics..(3)
- ABUS F155—Business Math...(3)
- DEVM F105—Intermediate Algebra ....(3)
- ECE F117—Math Skills for Early Childhood Educators....................(3)
- HLTH F116—Mathematics in Health Care ....(3)
- HUMS F117—Math Skills for Human Services ....(3)
- TTCH F131—Mathematics for the Trades ....(3)
- Other program-approved discipline-based computation course or discipline-based course with embedded computation content.........................(3)

Human Relations . . . . 3 Credits

Complete one of the following:
- ANTH F100X/SOC F100X—Individual, Society and Culture (s) ....(3)
- ABUS F154—Human Relations ....(3)
- ANL F287—Teaching Methods for Alaska Native Languages (h)....................(3)
- ECE F104—Child Development: Prenatal, Infants and Toddlers (s) ....(3)
- ECE F107—Child Development II: Preschool and Primary Years (s) ....(3)
- ED/PSY F245—Childhood Development (s) ....(3)
- HLTH F106—Human Behavior in Health Care (s) ....(3)
- HUMS F120—Cultural Diversity in Human Services.........................(3)
- RHS F110—Cross-Cultural Bridging Skills (1) AND RHS F115—Issues of Personal Development ....(2)
- Other program-approved discipline-based human relations course or discipline-based course with embedded human relations content....................(3)

Major specialty ....**at least 30 Credits**

Electives to total .... **60 Credits**

Minimum credits required for degree .... **60 Credits**