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
   b. AVTY F102—Commercial Ground Instruction .................................. 3
   c. AVTY F155—Preventive Maintenance for Pilots (3)
      or AFPM advisor-approved course(s) ........................................ 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 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
Certificate Requirements

Communication .......................... 2-3 Credits

Complete one of the following:
- ENGL F111X—Introduction to Academic Writing.........................(3)
- ABUS F154—Business English.............................................(3)
- ABUS F271—Business Communication ......................................(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 F212X—Introduction to Interpersonal Communication........(3)
- COMM F313X—Fundamentals of Oral Communication: Group Context....(3)
- COMM F411X—Fundamentals of Oral Communication: Public Context....(3)

or successful completion of competency test
- DEV F104—University Communications................................(1-3)
- DEV 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 F154—Business Math..................................................(3)
- DEV F105—Intermediate Algebra..........................................(3)
- ECE F117—Math Skills for Early Childhood Educators...............(3)
- HUMS F117—Math Skills for Human Services..........................(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 F207—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)
- HUMS F110—Cross-Cultural Bridging Skills (1) AND RNS 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

Written Communication .......................... 6 Credits

Complete one of the following:
- ENGL F111X—Introduction to Academic Writing.........................(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 F212X—Introduction to Interpersonal Communication........(3)
- COMM F313X—Fundamentals of Oral Communication: Group Context....(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 F212X—Introduction to Interpersonal Communication..........(3)
- COMM F313X—Fundamentals of Oral Communication: Group Context....(3)
- COMM F411X—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 F154—Business Math..................................................(3)
- DEV F105—Intermediate Algebra..........................................(3)
- ECE F117—Math Skills for Early Childhood Educators...............(3)
- ECE F207—Child Development II: Preschool and Primary Years (s)....(3)
- HLTH F106—Human Behavior in Health Care (s)......................(3)
- HUMS F117—Math Skills for Human Services..........................(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 F207—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)
- HUMS F110—Cross-Cultural Bridging Skills (1) AND RNS 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 ........................................... 30 Credits

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