

# Aviation Technology, B.S., Corporate and General Aviation

303-556-2982 Seventh Street 102

Catalog 10-11

This sheet applies to the 2010-2011 catalog *only*. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors *must* work with a faculty advisor on course selection and sequencing to ensure a timely graduation.

|  |                |
|--|----------------|
| General Studies  | 34             |
| Major courses  | 57-58          |
| Approved AES electives                                 | 10-11          |
| Minor courses  | 18-31          |
| <b>Total to graduate (min. 40 hrs. upper division)</b> | <b>120-133</b> |

Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.

## GENERAL STUDIES

### Composition

- \_\_\_ ENG 1010-3 Freshman Comp: Essay
- \_\_\_ ENG 1020-3 Freshman Comp: Analysis, Research & Docum

### Mathematics

- \_\_\_ MTH 1110-4 College Algebra
- or** MTH 1112-4 College Algebra Through Modeling
- or** MTH 1310-4 Finite Math

### Communications

- \_\_\_ SPE 1010-3 Public Speaking

### Historical

- \_\_\_ -3

### Arts & Letters

- \_\_\_ -3 PHI 1030-3 Ethics
- \_\_\_ -3

### Social Sciences

- \_\_\_ ECO 2010-3 Principles of Economics: Macro
- \_\_\_ ECO 2020-3 Principles of Economics: Micro

### Natural Sciences

- \_\_\_ PHY 1250-6 Physics of Aviation

### Multicultural Requirement

(*may be satisfied within General Studies, major, minor or electives*)

- \_\_\_ -3

## MAJOR COURSES (grade of "C" or better required for all major upper-division classes)

- \_\_\_ AES 1100-6 Aviation Fundamentals
  - \_\_\_ AES 1400-3 Aviation Weather
  - \_\_\_ AES 1710-3 Single Engine Flight Simulation I
  - \_\_\_ AES 2110-6 Commercial/Instrument Ground
  - \_\_\_ AES 2710-3 Instrument Flight Simulation I
  - \_\_\_ AES 3000-3 Aircraft Systems & Propulsion
  - \_\_\_ AES 3460-3 Weather for Aircrews
  - \_\_\_ AES 3530-3 Aerodynamics
  - \_\_\_ AES 3710-3 Multiengine Flight Simulation I
  - or** AES 4710-4 Turboprop Flight Simulation
  - \_\_\_ AES 3850-3 Human Factors & Physiology of Flight
  - \_\_\_ AES 3880-3 Aviation Security
  - \_\_\_ AES 4040-3 Aircraft Performance
  - \_\_\_ AES 4370-3 Advanced Navigation Systems
  - \_\_\_ AES 4860-3 Aviation Safety
  - \_\_\_ AES 4910-3 Aviation Management Problems and Job Targeting
  - \_\_\_ AES 4930-3 Professional Flight Standards Seminar
  - \_\_\_ COM 2610-3 Introduction to Technical Writing
  - or** MKT 2040-3 Business Communications
- Required Professional Pilot Documentation

Plus a minimum of 10-11 semester hours of approved AES electives.

The following courses may be substituted for AES electives:

- \_\_\_ CIS 3270-3 Advanced Computer Applications for Business
- \_\_\_ CIS 2300-3 Business Statistics
- or** MTH 1210-4 Introduction to Statistics
- \_\_\_ MTH 1320-3 Calculus For Management and Social Sciences

MINOR required (18 hours). Non-AES except Airframe & Powerplant Mechanics minor, which is 31 credits.