

# Aviation Technology, B.S., Air Traffic Collegiate Training Initiative (AT-CTI) Concentration

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	40	
Minor courses	18-31 min.	
Electives	15-28	

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

**Total to graduate (min. 40 upper division hours) 120 min**

## 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 Mathematics

### Communications

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

### Historical

- \_\_\_ -3

### Arts & Letters

- \_\_\_ -3 PHI 1030-3
- \_\_\_ -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 2200-4 Fundamentals of Air Traffic Control
- \_\_\_ AES 2710-3 Instrument Flight Simulation I
- \_\_\_ AES 3460-3 Weather for Aircrews
- \_\_\_ AES 4100-3 Advanced Air Traffic Control
- \_\_\_ AES 4370-3 Advanced Navigation Systems
- \_\_\_ AES 4860-3 Aviation Safety
- or** AES 4870-3 Aviation Safety Program Management
- \_\_\_ AES 4930-3 Professional Flight Standards Seminar
- or** AES 4950-3 Aviation and Aerospace Science Mgt. Strategies
- or** COM 4790-3 Senior Seminar in Tech. Communications (Sr Exper)

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

ELECTIVES: 15-28