

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

303-556-2983 Seventh Street 102

Catalog 12-13

This sheet applies to the 2012-2013 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	46
Minor courses	18-31 min.
Electives	9-22

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

***TO BE COMPLETED WITHIN FIRST 30-COLLEGE LEVEL CREDIT HOURS**

Written Communication

- ___ ENG 1010 (3hrs) Freshman Comp: the Essay*
OR ___ ENG 1008/1009 (6 hrs.) Freshman Comp: The Essay Part I & II*
___ ENG 1020 (3hrs) Freshman Comp: Anal., Rsrch & Docum. (must be completed within 45-credit hours)

Quantitative Literacy*

- ___ MTH 1110 (4 hrs) College Algebra
or ___ MTH 1112 (4 hrs) College Algebra Through Modeling
or ___ MTH 1310 (4 hrs) Finite Mathematics for the Mgmt and Social Sciences

Oral Communication*

- ___ SPE 1010 (3 hrs) Public Speaking

Arts & Humanities

- ___ (3 hrs)
___ PHI 1030 (3 hrs) Introduction to Ethics

Historical

- ___ (3 hrs)

Social & Behavioral Science I

- ___ ECO 2010 (3 hrs) Principles of Macroeconomics

Social & Behavioral Science II

- ___ ECO 2020 (3 hrs) Principles of Microeconomics

Natural & Physical Sciences

- ___ PHY 1250 (6 hrs) Physics of Aviation

Global Diversity

- ___ (3 hrs) may be satisfied within General Studies

MAJOR COURSES (grade of "C" or better required for all major upper-division classes). See a faculty advisor

- ___ **AES 1100 (6 hrs) Aviation Fundamentals**
___ **AES 1400 (3 hrs) Aviation Weather**
___ **AES 1710 (3 hrs) Single Engine Flight Simulation I**
___ AES 2110 (6 hrs) Commercial/Instrument Ground
___ AES 2200 (4 hrs) Fundamentals of Air Traffic Control
___ AES 2710 (3 hrs) Instrument Flight Simulation I
___ AES 3460 (3 hrs) Weather for Aircrews
___ AES 3880 (3 hrs) Aviation Security
___ AES 4100 (3 hrs) Advanced Air Traffic Control
___ AES 4370 (3 hrs) Advanced Navigation Systems
___ AES 4860 (3 hrs) Aviation Safety
or ___ AES 4870 (3 hrs) Aviation Safety Program Management
___ AES 4910 (3 hrs) Aviation Management and Job Targeting
___ AES 4930 (3 hrs) Professional Flight Standards Seminar
or ___ AES 4950 (3 hrs) Aviation and Aerospace Science Mgt. Strategies
or ___ COM 4790 (3 hrs) Senior Seminar in Tech. Communications (Senior Experience)

Multicultural requirement

(May be satisfied within General Studies or minor)

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

Electives