

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

303-556-2983 Seventh Street 102

Catalog 11-12

This sheet applies to the 2011-2012 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

GENERAL STUDIES LEVEL I: (must be complete within first 30-credit hours)

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 for the Mgmt and Social Sciences**

Communications

- ___ **SPE 1010-3 Public Speaking**

GENERAL STUDIES LEVEL II

Historical

- ___ -3

Arts & Letters

- ___ PHI 1030-3 Introduction to 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**

ADDITIONAL GRADUATION REQUIREMENT

Multicultural Requirement (may be satisfied within General Studies, 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 3880-3 Aviation Security
- ___ 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 4910-3 Aviation Management and Job Targeting
- ___ 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)

ADDITIONAL NOTES

- MINOR required (minimum 18-credit hours): Non-AES except for Air-frame & Powerplant Mechanics minor which is 31-credit hours.
- Unrestricted electives: 9-22 credit hours
- ***Courses in bold are recommended for students to complete within their freshman year at Metro State.**