

Aviation Technology, B.S., Professional Flight Officer 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 min	Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.
Major courses	68	
Minor courses	18-31 min.	
Total to graduate (min. 40 hrs. upper division)	120-133 min	

GENERAL STUDIES LEVEL I (must be completed 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 is 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 2150-4 Avionics for Aviators
- ___ 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 Multi-Engine 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 and Job Targeting
- ___ AES 4930-3 Professional Flight Standards Seminar (Sr. Exper.)
- ___ AES 4935-6 Advanced Commercial Aircraft Systems

ADDITIONAL NOTES

- *Prerequisites for AES 4710 include a multiengine rating or successful completion of AES 3710.
- Required Professional Pilot Documentation—see department.
- AES Approved Electives— 3-4 hrs— See department
- MINOR required (18-credit hours minimum): Non-AES except for Airframe & Powerplant Mechanics minor which is 31-credit hours.

***Courses in bold are recommended for students to complete within their freshman year at Metro State.**