

Aviation Technology, B.S., Aerospace Operations 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 (includes 29 hrs. electives)	68
Minor courses	18 min.
Total to graduate (min. 40 upper division hours)	120 min

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

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 with general studies or minor)

- ___ -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 2220-3 Flight Dispatcher & Load Planning
___ AES 3000-3 Aircraft Systems & Propulsion
___ AES 3850-3 Human Factors & Physiology of Flight
___ AES 3880-3 Aviation Security
___ 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
___ COM 2610-3 Introduction to Technical Writing
or **MKT 2040-3** Business Communications
___ 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)

Plus a minimum of 29 semester hours of approved AES electives. The following courses may be substituted for approved AES electives:

- ___ MTH 1210-4 Introduction to Statistics
___ MTH 1320-3 Calculus for the Management & Social Sciences
___ MGT 3000-3 Organizational Management
___ MGT 4530-3 Organizational Behavior
___ PSY 1001-3 Introductory Psychology

ADDITIONAL NOTES

- MINOR required (minimum 18-credit hours): non-AES except for Air-frame and Powerplant Mechanics minor, which is 31-credit hours)

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