

Aviation Technology, B.S., Aerospace Ops Concen.—Space Commercialization Emphasis

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	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

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 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

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 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 Problems 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)

Space Commercialization Emphasis additional classes

- ___ AES 3600-3 Space Flight Operations I
- ___ AES 4601-3 Space Flight Operations II
- ___ AES 4602-3 Aerospace Commercialized Operations
- ___ AES 4603-3 Aerospace Operations Systems Analysis & Design

Plus a minimum of 17 semester hours of approved AES electives
The following courses may be substituted for approved AES electives:

- ___ CIS 2300-3 Business Statistics
- or** 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

MINOR (Non-AES)- 18 credit hours minimum