

# Aviation Management, B.S., Aerospace Mgmt Concen.– Space Commercialization Emphasis

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
Major courses	69-70
Minor (School of Business)	18
<b>Total to graduate (min. 40 hrs. upper division)</b>	<b>121-122</b>

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

- \_\_\_ -3
- \_\_\_ PHI 3360-3 Business Ethics

### 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 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 2220-3 Flight Dispatcher and Load Planning
- \_\_\_ AES 3220-3 Aviation Law & Risk Management
- \_\_\_ AES 3230-3 Airline Management
- \_\_\_ AES 3240-3 Airline Planning
- \_\_\_ AES 3850-3 Human Factors & Physiology of Flight
- \_\_\_ AES 3880-3 Aviation Security
- \_\_\_ AES 4200-3 Airport Planning and Management I
- \_\_\_ AES 4210-3 Airport Planning and Management II
- \_\_\_ AES 4230-3 General and Business Aviation Operations
- \_\_\_ AES 4240-3 Air Cargo
- \_\_\_ AES 4870-3 Aviation Safety Program Management
- \_\_\_ AES 4910-3 Aviation Management Problems and Job Targeting
- \_\_\_ AES 4950-3 Aviation & Aerospace Science Management Strategies
- or COM 4790-3 Senior Seminar in Technical Comm. (Senior Exp.)

### Additional required courses

- \_\_\_ **MTH 1210-4** Introduction to Statistics
- \_\_\_ COM 2610-3 Introduction to Technical Writing
- or MKT 2040-3 Business Communication
- or SPE 3100-3 Business and Professional Speaking
- \_\_\_ PSY 1001-3 Introduction to Psychology

### Required Aerospace Management Concentration courses

- \_\_\_ 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

### ADDITIONAL NOTES

- MINOR required in the School of Business (minimum 18-credit hours)
- \*Courses in bold are recommended for students to complete within their freshman year at Metro State.

