

# Aviation & Aerospace Management, B.S.

303-556-2983 Seventh Street 102

School of Professional Studies

Catalog 13-14

This sheet applies to the 2013-2014 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	57
Additional required courses	11
Minor (School of Business)	18 min
<b>Total to graduate (min. 40 hrs. upper division)</b>	<b>120</b>

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

## **\*TO BE COMPLETED WITHIN FIRST 30-CREDIT HOURS AT MSU DENVER**

### Written Communication

- \_\_\_ ENG 1010 (3hrs) Composing Arguments\*  
**OR** ENG 1008/1009 (6 hrs.) Freshman Comp: The Essay Part I & II\*  
\_\_\_ ENG 1020 (3hrs) Freshman English: Rsrch, Anly, & Documt . (must be completed within 45-credit hours)

### Oral Communication\*

- \_\_\_ SPE 1010 (3 hrs) Public Speaking  
**OR** SPE 1710 (3 hrs) Interpersonal Communications

### Quantitative Literacy\*

- \_\_\_ MTH 1110 (4 hrs) College Algebra  
or MTH 1112 (4 hrs) College Algebra Through Modeling  
or MTH 1310 (4 hrs) Finite Mathematics for the Mgmt and Social Sciences

### Arts & Humanities

- \_\_\_ (3 hrs)  
\_\_\_ PHI 3360 (3 hrs) Business Ethics

### Historical

- \_\_\_ (3 hrs)

### Natural & Physical Sciences

- \_\_\_ PHY 1250 (6 hrs) Physics of Aviation (substitutions noted in university catalog)

### Social & Behavioral Science I

- \_\_\_ (3 hrs)

### Social & Behavioral Science II

- \_\_\_ (3 hrs)

### Global Diversity

- \_\_\_ (3 hrs) may be satisfied within General Studies

MAJOR COURSES (grade of "C-" or better required for all major upper-division classes). See faculty advisor.

- \_\_\_ **AES 1100 (6 hrs) Aviation Fundamentals**  
\_\_\_ **AES 1400 (3 hrs) Aviation Weather**  
\_\_\_ AES 2220 (3 hrs) Flight Dispatcher and Load Planning  
OR AES 1050 (3 hrs) Introduction to Space  
\_\_\_ AES 3220 (3 hrs) Aviation Law & Risk Management  
\_\_\_ AES 3230 (3 hrs) Airline Management  
\_\_\_ AES 3240 (3 hrs) Airline Planning  
\_\_\_ AES 3600 (3 hrs) Space Flight Operations I  
\_\_\_ AES 3850 (3 hrs) Human Factors & Physiology of Flight  
\_\_\_ AES 3880 (3 hrs) Aviation Security  
\_\_\_ AES 4200 (3 hrs) Airport Planning and Management I  
\_\_\_ AES 4210 (3 hrs) Airport Planning and Management II (Senior Exp.)  
\_\_\_ AES 4230 (3 hrs) General and Business Aviation Operations  
\_\_\_ AES 4240 (3 hrs) Air Cargo  
\_\_\_ AES 4601 (3 hrs) Space Flight Operations II  
\_\_\_ AES 4602 (3 hrs) Aerospace Commercialized Operations  
\_\_\_ AES 4603 (3 hrs) Aerospace Operations Systems Analysis & Design  
\_\_\_ AES 4870 (3 hrs) Aviation Safety Program Management  
\_\_\_ AES 4910 (3 hrs) Aviation Management and Job Targeting

### 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  
\_\_\_ Approved AES Electives (4 hrs)

### Multicultural Requirement

(may be satisfied within General Studies, minor or electives)

**MINOR** required in the School of Business (minimum of 18-credit hours)

### **Electives**