

# AVIATION ADMINISTRATION AVIATION MANAGEMENT PROGRAM

## OVERVIEW OF THE PROGRAM:

The Aviation Management Option at Fairmont State University is one option of the three program options offered under the Aviation Center of Excellence (ACE). The Aviation Management degree combines aspects of business, law, ethics, interpersonal relations and technical skills related to the aviation industry. A student pursuing the Aviation Management degree should expect to learn aviation regulations, economic principles of aviation, personal and professional management, and safety regulations, among other aviation-related disciplines. Fairmont State University's Aviation Center of Excellence has the ability to offer work-study or internship opportunities with affiliated airports nationwide as part of a partnership with the American Association of Airport Executives.

Successful graduates of the Fairmont State University Aviation Center of Excellence Aviation Management Option should expect to pursue a myriad of career opportunities. Graduates of our program have been successfully pursued careers in the following fields, among others.

## AIRPORT MANAGEMENT

Airport Managers oversee the operations of airport facilities. Small airports may employ only one manager, while larger airports may require multiple managers. Airport managers enforce Federal Aviation Administration (FAA) regulations, manage relations with airlines and supervise building and runway maintenance. The Aviation Center of Excellence option in Aviation Management can also provide you with the skills to negotiate contracts with airport vendors or supervise other airport staff.

## AIR TRAFFIC CONTROL

An air traffic controller is responsible for the movement of airplanes, ensuring safe and efficient flow of traffic through a specific air space. Air traffic controllers use radar to monitor plane movement and ensure that a safe distance is maintained between planes at all times. The Aviation Center of Excellence option in Aviation Management will give the successful graduate with the desire to pursue a degree in air traffic control the specific skills needed to inform and advise Pilots on weather conditions and regulate airport arrivals and departures.

## AIRLINE MANAGEMENT POSITIONS

The opportunities in Airline Management are many and varied, and often have to do with managing the revenue of the airline, marketing, or operations. A Corporate Aviation Manager is someone who holds a leadership position with an airline. They may be a top-level executive or they may hold management jobs in Human Resources or Marketing. Airline Managers are responsible for overseeing all activities within the company and/or their specific department. In airline companies, they may be involved in planning and implementing company-wide improvement strategies. The Aviation Center of Excellence option in Aviation Management will equip students with the skills necessary to analyze route profitability, plan flight routes, form alliances with other airlines, and create marketing strategies.

## AIRPORT SECURITY MANAGER

Airport Security Managers maintain the security of the airport and ensure compliance with the Transportation Security Administration (TSA) directives and Airport Security Program requirements. Security is of the utmost importance in any airport. Airport Security Managers are also in charge of managing all security measures taken at their airport, conducting a daily inspection of security, and planning and implementing evacuation strategies in the case of an emergency. The Aviation Center of Excellence option in Aviation Management will equip you with the skills necessary to perform these duties.

[FAIRMONTSTATE.EDU/aviationtechnology](http://FAIRMONTSTATE.EDU/aviationtechnology)



**FAIRMONT STATE  
UNIVERSITY™**

**Aviation Center of Excellence**



## CONTACT INFORMATION

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**AVIATION ADMINISTRATION – AVIATION MANAGEMENT PROGRAM REQUIREMENTS**

AVIATION COMMON CORE	27 CREDIT HOURS
AVIATION MANAGEMENT CURRICULUM	39 CREDIT HOURS
AVIATION MAJOR ELECTIVES	13-15 CREDIT HOURS
GENERAL STUDIES REQUIREMENTS	39-41 CREDIT HOURS
TOTAL REQUIRED FOR GRADUATION	120 CREDIT HOURS

**AVIATION COMMON CORE (ALL COURSES REQUIRED)**

AVMA 3301	AVIATION HISTORY	3	AVMA 3307	AVIATION SAFETY	3
AVMA 3302	AVIATION LAW	3	AVMA 4402	FISCALS	3
AVMA 3303	AIRLINE OPERATIONS	3	BSBA 2209	PRINCIPLES OF MGMT	3
AVMA 3304	AVIATION MAINT MGMT	3	MGMT 3390	ORG BEHAVIOR	3
AVMA 3305	GENERAL AVIATION OPS	3			

**AVIATION MANAGEMENT CURRICULUM (ALL COURSES REQUIRED)**

AVMA 1100	AIRCRAFT FLIGHT THEORY	3	BSBA 2201	PRINCIPLES OF ACCT	3
AVMA 1102	INTRO TO ATC	3	BSBA 2204	PRINCIPLES OF MKTG	3
AVMA 2206	AVIATION SECURITY	3	BSBA 3310	BUSINESS & ECON STATS	3
AVMA 2210	AVIATION METEOROLOGY	3	BSBA 3310	BUSINESS & ECON STATS	3
AVMA 2211	AIRPORT MANAGEMENT	3	SFTY 1100	SAFETY & ENV COMP	3
AVMA 2213	AIRPORT PLAN & DVLPMT	3	SFTY 1150	SAFETY MGMT IN ACC PRV	3

**AVIATION MAJOR ELECTIVES (SELECT 6 CREDIT HOURS)**

AVMA 4401	AVIATION RESEARCH	3
AVMA 4403	AVIATION PROJECT	1-4
AVMA 4411	AVIATION INTERNSHIP	3
AVMA 4498	UNDERGRAD RESEARCH	1-6

**GENERAL STUDIES REQUIREMENTS (39-41 HOURS)**

\*\*STUDENTS WILL CONSULT THEIR ACADEMIC ADVISOR  
TO CHOOSE THE APPROPRIATE GS COURSES