

AVIATION MANAGEMENT CONCENTRATION

BACHELOR OF SCIENCE IN AVIATION

OVERVIEW OF THE PROGRAM:

The Aviation Management concentration within the B.S. in Aviation degree is one of two program options offered at Fairmont State University. The Aviation Management concentration combines aspects of business, law, ethics, interpersonal relations and technical skills related to the aviation industry. A student pursuing the Aviation Management concentration 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 Aviation Center of Excellence Aviation Management concentration 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 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. 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 -

Many major airlines are global enterprises with locations around the world to support their daily flight operations which move people and cargo 24/7. Each of these complex organizations require many management support staff at various level of company performing a wide array of oversight roles. Though there are smaller, domestic and regional airlines which serve regional or national markets, these companies are need managers to support operations and can offer satisfying careers.

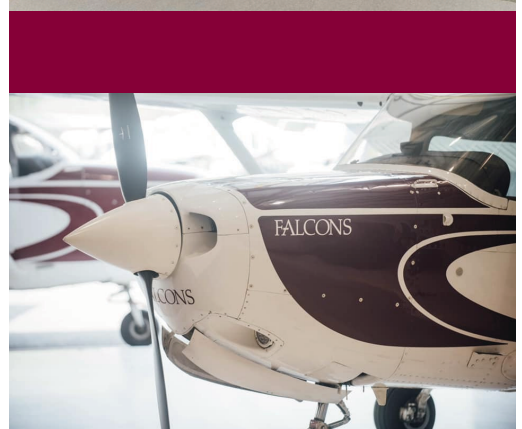
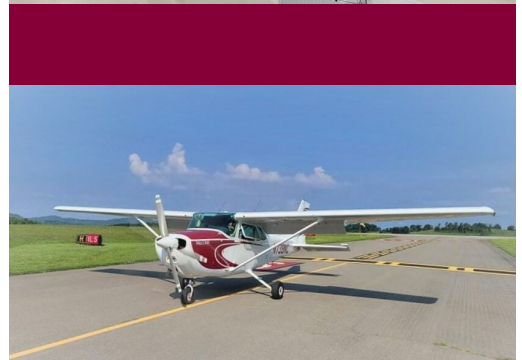
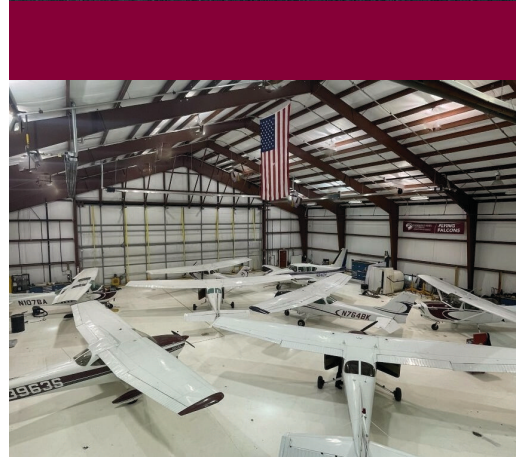
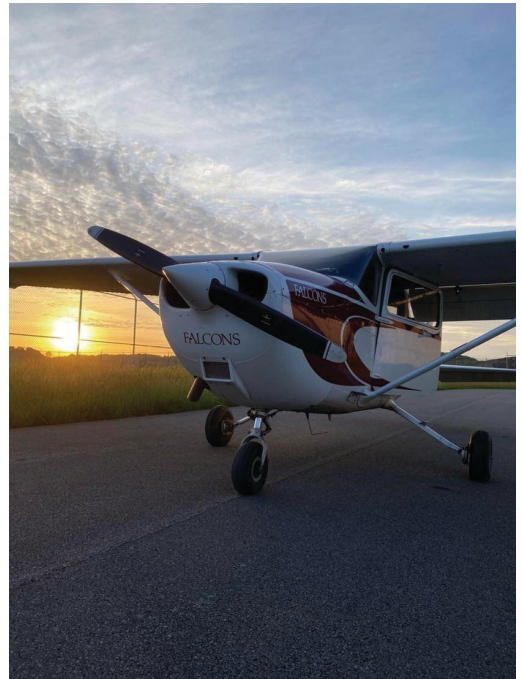
Airport Security Manager -

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.

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College of Business & Aviation



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BACHELOR OF SCIENCE IN AVIATION

MODEL SCHEDULE

FRESHMAN FIRST SEMESTER

| | |
|--|----|
| AVMA 1100 INTRODUCTION TO AVIATION | 3 |
| BISM 1200 INTRO TO COMPUTING (FULFILLS CORE #10 PERSONAL DEVELOPMENT/TECHNOLOGY) | 3 |
| BSBA 2204 PRINCIPLES OF MARKETING | 3 |
| ENGL 1101 WRITTEN ENGLISH I (FULFILLS CORE #2 WRITTEN COMMUNICATION I) | 3 |
| CHOOSE COURSE FROM CORE #6 FINE ARTS W/ CRITICAL THINKING | 3 |
| CHOOSE COURSE FROM CORE #1 FIRST YEAR SEMINAR | 1 |
| TOTAL | 16 |

FRESHMAN SECOND SEMESTER

| | |
|--|-------|
| AVMA 1102 INTRODUCTION TO AIR TRAFFIC CONTROL | 3 |
| AVMA 2210 AVIATION METEOROLOGY | 3 |
| ENGL 1102 WRITTEN ENGLISH II (RECOMMENDED CORE #2 WRITTEN COMMUNICATION II)* | 3 |
| MATH 1430/1530 COLLEGE ALGEBRA (FULFILLS CORE #4 MATHEMATICS) | 3/4 |
| CHOOSE COURSE FROM CORE #3 ORAL COMMUNICATIONS | 3 |
| TOTAL | 15/16 |

SOPHOMORE FIRST SEMESTER

| | |
|---|----|
| AVMA 2006 AVIATION SECURITY | 3 |
| BSBA 2220 FUNDAMENTALS OF ACCOUNTING | 3 |
| CHOOSE COURSE FROM CORE #5 HUMANITIES W/ CRITICAL THINKING | 3 |
| CHOOSE COURSE FROM CORE #7 NATURAL SCIENCE W/CRITICAL THINKING | 4 |
| ELECTIVE | 2 |
| TOTAL | 15 |

SOPHOMORE SECOND SEMESTER

| | |
|--|----|
| BSBA 2209 PRINCIPLES OF MANAGEMENT | 3 |
| PHYS 1104 AVIATION PHYSICS | 4 |
| BSBA 2200 ECONOMICS (RECOMMENDED CORE #8 SOCIAL SCIENCE W/ CRITICAL THINKING)* | 3 |
| CHOOSE COURSE FROM CORE #9 CITIZENSHIP | 3 |
| ELECTIVE | 3 |
| TOTAL | 16 |

JUNIOR FIRST SEMESTER

| | |
|---|----|
| AVMA 2213 AIRPORT PLANNING AND DEVELOPMENT | 3 |
| AVMA 3301 AVIATION HISTORY | 3 |
| AVMA 3303 AVIATION OPERATIONS | 3 |
| BSBA 3310 BUSINESS AND ECONOMICS STATISTICS | 3 |
| ELECTIVE | 3 |
| TOTAL | 15 |

JUNIOR SECOND SEMESTER

| | |
|-----------------------------------|----|
| AVMA 2211 AIRPORT MANAGEMENT | 3 |
| AVMA 3302 AVIATION LAW | 3 |
| AVMA 3307 AVIATION SAFETY | 3 |
| MGMT 3390 ORGANIZATIONAL BEHAVIOR | 3 |
| MGMT 3500 PROJECT MANAGEMENT | 3 |
| TOTAL | 15 |

SENIOR FIRST SEMESTER

| | |
|---|----|
| AVMA 3304 AVIATION MAINTENANCE MANAGEMENT | 3 |
| AVMA 3305 GENERAL AVIATION OPERATIONS | 3 |
| AVMA 4401 AVIATION INDUSTRY RESEARCH | 3 |
| AVMA 4402 FISCAL ASPECTS OF AVIATION MANAGEMENT | 3 |
| ELECTIVE | 3 |
| TOTAL | 15 |

SENIOR SECOND SEMESTER

| | |
|--|----|
| AVMA 4403 AVIATION PROJECT | 3 |
| BSBA 4420 BUSINESS ETHICS AND CORPORATE ACCOUNTABILITY | 3 |
| ELECTIVE | 3 |
| ELECTIVE | 3 |
| ELECTIVE | 3 |
| TOTAL | 15 |

*- STUDENTS MAY CHOOSE FROM APPROVED LIST OF CORE CURRICULUM COURSES IN WHICH THEY ARE ELIGIBLE TO ENROLL



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CONTACT INFORMATION

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