

## AVIATION MANAGEMENT

*Notice: New students are not currently being admitted into the aviation management program. Program information is provided here for current students who are working toward completion of program requirements.*

### Credentials

Aviation Management skills certificate .....18 cr.  
 Aviation Management AAS degree..... 60–63 cr.

### Major Description

The roar of jets, people from around the world, the promise of far-off lands...there's something magical about air travel. Let your career take flight with a job in aviation. Schoolcraft's program readies students for a wide variety of positions in the industry, from airport management and security to flight scheduling and cargo handling.

Courses include the basics of flight and navigation, the evolution of aviation, meteorology, aircraft maintenance, aviation law, airport management and more.

- Aviation management associate in applied science degree: Successful completion of all college requirements results in an AAS degree and prepares you for entry level jobs and transfer to a four-year college or university.
- Aviation management skills certificate: If you're already involved in the aviation industry but want the credentials to advance, this certificate—which provides exposure to key areas of aviation—is perfect for you.

### Job Titles & Median Salaries or Hourly Rates

- Airline Cargo Handling Supervisor: \$42,016 (Michigan)
- Airfield Operations Specialist: \$44,454 (national) [payscale.com](http://payscale.com)

### Aviation Management AAS Degree

The aviation management program provides an excellent broad exposure to key areas of aviation leading to an associate degree. The nature of the program recognizes that there are many individuals working in the field of aviation who may wish to broaden their aviation knowledge. This program has been designed to prepare and/or enhance a student's readiness for growth in an aviation career or in further aviation education. Course content includes the basics of flight and airspace/navigation, the evolution of aviation through to the latest advancements, meteorology, a broad perspective of corporate operations and aircraft maintenance businesses, aviation regulations/legislation and law, and the planning and operations of airports.

Three student profiles were considered in the development of this program:

- 1) The person who is already involved in a career in aviation who wishes to obtain a certificate or degree to enhance career growth potential, or simply wishes to obtain more knowledge in a specific area of aviation.
- 2) The student just entering the college environment who wishes to explore aviation as a career possibility while obtaining initial college course credit OR who definitely wants to obtain a certificate or associate degree leading to an aviation career.
- 3) The student who wishes to obtain initial credit at the community college level for economical or convenience reasons and intends to transfer to a four-year aviation degree program with either a flight or non-flight focus.

All courses are not offered each semester. Students should work with an academic advisor or counselor to develop a schedule that will work for them. Students who satisfactorily complete all college and program requirements qualify for an associate in applied science degree.

### SAMPLE SCHEDULE OF COURSES

#### First Year—Fall Semester

ENG 101	English Composition 1.....	3
CIS 120	Software Applications .....	3
AVM 101	Perspectives in Aviation.....	3
AVM 103	Aviation Meteorology.....	3
AVM 104	Aviation Legislation.....	3

**Total Credits 15**

#### First Year—Winter Semester

English	Select 1 .....	3
ENG 102	English Composition 2 .....	
ENG 106	Business English .....	
AVM 102	Aviation History .....	3
AVM 201	Aviation Law .....	3
AVM 203	Airport Planning and Management.....	3

**Total Credits 12**

#### First Year—Spring Session

Elective	Select from the list below .....	6
----------	----------------------------------	---

**Total Credits 6**

#### Second Year—Fall Semester

POLS 105	Survey of American Government.....	3
Social Science	Select 1 .....	3–4
PSYCH 153	Human Relations .....	
PSYCH 201	Introductory Psychology .....	
HUM 106	Introduction to Art and Music .....	1
Elective	Select from the list below .....	6–7

**Total Credits 13–15**

#### Second Year—Winter Semester

PHYS 104	Introduction to Astronomy.....	4
COMA 103	Fundamentals of Speech .....	3
MATH 111	Applications—Utility of Math .....	4
Elective	Select from the list below .....	3–4

**Total Credits 14–15**

### PROGRAM TOTAL 60–63 CREDITS

*Students planning to transfer should check the transfer institution's requirements/guides or discuss their options with a counselor or advisor. Number of credits may vary depending on the course selection.*

#### Electives

AVM 105	Private Pilot Ground School .....	3
AVM 202	Aviation Maintenance Management .....	3
AVM 204	Corporate Aviation Management.....	3
BUS 101	Introduction to Business.....	3
BUS 207	Business Law 1.....	3
BUS 217	Business Management .....	3
BUS 220	Supervision .....	3
BUS 230	Human Resource Management.....	3
GEOG 133	World Regional Geography.....	4
GEOG 135	Earth Systems .....	4
PHIL 243	An Introduction to Philosophy.....	3
SOC 201	Principles of Sociology.....	3
SOC 210	Cultural Diversity .....	3

### ***Aviation Management Skills Certificate***

This certificate has been designed to prepare and/or enhance career growth potential or simply provide more knowledge in a specific area of aviation. The certificate is appropriate for the student entering the college environment who wishes to explore aviation as a career possibility OR who definitely wants to obtain a certificate to enhance an aviation career.

The aviation management skills certificate provides excellent broad exposure to key areas of aviation. Course content includes basics of flight and airspace/navigation, the evolution of aviation through to the latest advancements, meteorology, a broad perspective of corporate operations and aircraft maintenance businesses, aviation regulations/legislation and law, and the planning and operations of airports.

All courses are not offered each semester. Students should work with an academic advisor or counselor to develop a schedule that will work for them. Students who satisfactorily complete the program requirements qualify for a certificate of program completion. All program required courses must have been completed with a grade of 2.0 or better.

#### **SAMPLE SCHEDULE OF COURSES**

##### **First Year—Fall Semester**

AVM 101	Perspectives in Aviation.....	3
AVM 104	Aviation Legislation.....	3
Elective	<i>Select from the list below</i> .....	3

**Total Credits 9**

##### **First Year—Winter Semester**

AVM 102	Aviation History.....	3
AVM 203	Airport Planning and Management.....	3
Elective	<i>Select from the list below</i> .....	3

**Total Credits 9**

#### **PROGRAM TOTAL 18 CREDITS**

##### **Electives**

AVM 103	Aviation Meteorology.....	3
AVM 105	Private Pilot Ground School.....	3
AVM 201	Aviation Law.....	3
AVM 202	Aviation Maintenance Management.....	3
AVM 204	Corporate Aviation Management.....	3