Aviation Management

The Aviation Management major is designed to build upon technical training in aviation maintenance, flight, avionics technology, air traffic control, aircraft operations support or other aviation-related fields. The technical training may be gained through Southern Illinois University Carbondale, other post-secondary institutions, proprietary schools, and military, government agencies (international or domestic) or through government certified flight or maintenance training schools. To be considered for enrollment into the Aviation Management program, prospective students must first obtain admission to the University. To be approved for entry into the program, a separate application is required.

Before beginning 300-level Aviation Management coursework, all AVM students are expected to have an aviation-related background consisting of a prior aviation associate degree, a military aviation background, civil aviation background or similar. If a prior aviation background is not acquired prior to admission, the student will be required to take one of the Minors in Aviation Management.

A C or better grade is required for all Aviation Core Courses to satisfy the requirements for a major in Aviation Management.

The Aviation Management program has signed a number of “Program Articulation Agreements” with aviation-related community college degree programs in order to facilitate the transfer of community college aviation students to SIU. These agreements take full advantage of the Capstone Option for admission to the Bachelor of Science in Aviation Management. This option is available to either on- or off-campus students. The community colleges with which SIU has signed such an agreement include: Craven Community College (NC), Gateway Technical College (WI), Southwestern Illinois College (IL), Indian Hills Community College (IA), Iowa Lakes Community College (IA), Kishwaukee College (IL), Lincoln Land Community College (IL), Mt. San Antonio College (CA), Mercer County Community College (NJ), Miramar College (CA), Mountain View College (TX), Palomar College (CA), and Rock Valley College (IL). If you have questions about how these agreements apply to your personal situation, contact your community college aviation program representative or the academic advisor in the Aviation Management program.

Students who major in aviation management have the opportunity to participate in the following aviation management-related internship programs:

2. Cape Air/Nantucket Airlines First Officer Program.
3. The Delta Airlines Internship in Flight Operations and Management.
4. The United Airlines/SIUC Cooperative Education Program in Aviation Flight and Aviation Management.
5. The Illinois Aviation Trades Association Intern Program.
6. Internships at various Midwest airports.
7. AAR Corporation.

These internship programs enrich an undergraduate student’s academic experience by “extending the SIU campus” to aviation headquarters or business locations around the nation. Graduates of the Aviation Management program obtain professional, technical and management positions in aviation manufacturing, the airlines, general aviation, military aviation and government agencies related to aviation.
Bachelor of Science Degree in Aviation Management

<table>
<thead>
<tr>
<th>Degree Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Core Curriculum Requirements</td>
<td>39</td>
</tr>
<tr>
<td>Requirements for Major in Aviation Management</td>
<td>42</td>
</tr>
<tr>
<td>Core Requirements: 27 hours selected from the following as approved by the advisor: AVM 300, AVM 301, AVM 302 or AVM 349, AVM 371, AVM 373, AVM 377, AVM 385, AVM 386, AVM 402</td>
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<tr>
<td>Six hours selected from AVM 360 or AVM 361, AVM 375, AVM 450</td>
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<tr>
<td>Nine hours of additional advisor approved, 300- or 400-level Aviation Management courses or Department approved electives</td>
<td>9</td>
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<tr>
<td>AVM Minor or Approved Career Electives</td>
<td>39</td>
</tr>
<tr>
<td>Total</td>
<td>120</td>
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</tbody>
</table>

Professional Pilot Specialization

The professional pilot specialization allows students who have completed the AAS degree in Aviation Flight at SIUC to complete the required credit hours to be eligible for a 500 flight-hour reduction for the Restricted Airline Transport Pilot (R-ATP) certificate.

<table>
<thead>
<tr>
<th>Degree Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.A.S. degree in Aviation Flight</td>
<td>60</td>
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<tr>
<td>University Core Curriculum Requirements (Capstone)</td>
<td>18</td>
</tr>
<tr>
<td>Requirements for Major in Aviation Management</td>
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</tr>
<tr>
<td>Core Requirements: AVM 300, AVM 301, AVM 302, AVM 371, AVM 373, AVM 377, AVM 385, AVM 386, or AVM 402</td>
<td>27</td>
</tr>
<tr>
<td>R-ATP Courses: AVM 360 or AVM 361, and AVM 375</td>
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<tr>
<td>Option</td>
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</tr>
<tr>
<td>Certified Flight Instructor (CFI):</td>
<td></td>
</tr>
<tr>
<td>AF 300A, AF 300B, AF 303</td>
<td>5</td>
</tr>
</tbody>
</table>
### Airport Management and Planning Minor

The purpose of this minor is to provide preparation for students who wish to enter the airport-related segment of the aviation industry. This minor requires a total of 15 semester hours of coursework: Aviation Management 370, 372, 374, Political Science 340 and one additional Aviation Management course at the 300- or 400-level. All course prerequisites must be completed prior to enrolling in each course. Students wishing to enter this minor must do so by contacting the Aviation Management advisor.

### Aircraft Product Support Minor

The minor in Aircraft Product Support is a multi-disciplinary minor offered by the Aviation Management and the Aviation Technologies Program. The purpose of this minor is to provide additional preparation for students who wish to enter the field of aircraft product support with aerospace manufacturers, suppliers, airlines, the military and related aviation/aerospace industry segments. The courses required to complete this minor include: Aviation Management 301 or 376, 461, Aviation Technologies 370, 380, 390 and one additional approved course from either Aviation Management or Aviation Technologies degree program. All prerequisites for these courses must be fulfilled prior to enrollment in each course. All students who wish to enroll in this minor must do so through either the Aviation Management advisor or the Aviation Technologies advisor. Aviation Management students must complete Aviation Management 301 in their major. Aviation Technologies students must complete Aviation Management 376 in their major.

### Air Traffic Control Minor

The purpose of the Air Traffic Control (ATC) Minor is to prepare students for entry into the ATC career field. Students completing the minor will have the basic knowledge to enter the ATC discipline as air traffic controllers or other ATC related positions.

Aviation Management Courses

Aviation Management Faculty


**Carter, Kim**, Senior Lecturer, Assistant Chief Flight Instructor, M.S., Southern Illinois University Carbondale, 1996.

**Goetz, Steven**, Assistant Professor, Assistant Chief Flight Instructor, M.S., Southern Illinois University Carbondale, 2011.


**Kaps, Robert W.**, Professor, Emeritus, Ph.D., Southern Illinois University Carbondale, 1996.


**Pavel, Samuel**, Associate Professor, Ph.D., University of Notre Dame, 2001.

**Robertson, Michael**, Associate Professor, M.S., Southern Illinois University Carbondale, 2006.

**Romero, Matthew**, Assistant Professor, M.P.A., Southern Illinois University Carbondale, 2009


**Thornhill, Gerald**, Senior Lecturer, M.S., Central Missouri State University, 1993.


**Wilson, Keith**, Senior Lecturer, Assistant Chief Flight Instructor, M.S., Southern Illinois University Carbondale, 1997.

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**Catalog Year Statement:**
Students starting their collegiate training during the period of time covered by this catalog (see bottom of this page) are subject to the curricular requirements as specified herein. The requirements herein will extend for a seven calendar-year period from the date of entry for baccalaureate programs and three years for associate programs. Should the University change the course requirements contained herein subsequently, students are assured that necessary adjustments will be made so that no additional time is required of them.