Western Michigan University Aviation Curriculum Guide

Pre aviation curriculum requirements:

- The aviation program has 3 different majors:
  - Flight Science (pilot training);
  - Maintenance Technology;
  - Management and Operations (management and technical support);
- The Flight Science major has several requirements for access to flight courses:
  - A Chief Flight Instructor-approved application for each ground school and flight lab;
  - An FAA 2nd class medical and student pilot certificate (1st class is recommended);
  - Enrollment in flight theory courses is subject to a minimum grade point average of 2.5 for community college students and a 2.0 for transfers from other 4 year colleges and/or universities;
  - Availability of aircraft and instructors.

The following courses are required of all 3 majors and may be taken at SC4:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>SC4 courses</th>
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</thead>
<tbody>
<tr>
<td>Areas I, II, III, IV, and VIII on the WMU</td>
<td>general education program transfer guide</td>
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<tr>
<td>COM 1700</td>
<td>SPC 101 or SPC 101H</td>
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<tr>
<td>STAT 2160</td>
<td>MTH 120</td>
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<tr>
<td>MATH 2000</td>
<td>MTH 114 or MATH 2000 at WMU</td>
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<tr>
<td>PHYS 1070 &amp; 1080</td>
<td>PHY 110</td>
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<tr>
<td>IEE 1020</td>
<td>ENG 101 or 101H or 101T or 102 or 102H or OA 225</td>
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</table>

**Required for Flight Science majors only:**

- ECON 2010
- GEOG 1050
- GEOG 2250
- PSY 1000

**Required for Management and Operations majors only:**

- CIS 1020
- GEOG 1050
Required for Maintenance Technology majors only:
BUS 1750  BUS 150
CHEM 1100/1110  CHM 111

Important notes:

- Satisfactory completion of all requirements in the Maintenance major prepares students to take the Federal Aviation Administration (FAA) Airframe and Powerplant written and practical exams;
- Flight Science majors are strongly encouraged to obtain the FAA First Class Medical Certificate before committing to this program. An FAA Second Class Medical Certificate is a prerequisite for the first flight course;
- All students are required to subject themselves to the college approved drug testing procedure before being allowed to participate in any flight activity in University aircraft;
- Graduates of the Flight Science major earn their FAA Commercial Pilot Certificate with Instrument and Multi-engine Land ratings;
- For information on airplanes, hangars, engines and other technical items, please visit the WMU College of Aviation website;
- For program information, please contact the advising office indicated below.

Approved by:
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