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 Lansing:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>LCC courses</th>
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<tbody>
<tr>
<td>Areas I, II, III, IV, and VIII on the WMU <a href="#">general education program transfer guide</a></td>
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<tr>
<td>COM 1700</td>
<td>SPCH 140</td>
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<tr>
<td>STAT 2160</td>
<td>STAT 215 or 170</td>
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<tr>
<td>MATH 2000</td>
<td>MATH 141</td>
</tr>
<tr>
<td>PHYS 1070 &amp; 1080</td>
<td>PHYS 221 &amp; 222 or 1070 &amp; 1080 at WMU</td>
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<tr>
<td>IEE 1020</td>
<td>ENGL 122 or 132 or WRIT 121 or 122 or 124 or 131 or 132</td>
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**Required for Flight Science majors only:**

| ECON 2010 | ECON 201 |
| GEOG 1050 | GEOG 121 |
| GEOG 2250 | GEOG 220 |
| PSY 1000 | PSYC 200 |

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

| CIS 1020 | CITF 110 |
| GEOG 1050 | GEOG 121 |
GEOG 2250          GEOG 220
ECON 2010          ECON 201
ECON 2020          ECON 202
ACTY 2100          ACC 121
ACTY 2110          ACC 122
MKTG 2500          MKTG 200
BUS 1750           BUSN 118
PSY 1000           PSYC 200

Required for Maintenance Technology majors only:
BUS 1750           BUSN 118
CHEM 1100/1110     CHEM 151 & 161

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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College of Aviation

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