Southwestern Michigan College

Western Michigan University Aviation Curriculum Guide - Fall 2015

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 2\textsuperscript{nd} class medical and student pilot certificate (1\textsuperscript{st} 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 SMC:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>SMC courses</th>
<th>SMC courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Areas I, II, III, IV, and VIII on the WMU</td>
<td><a href="#">general education program transfer guide</a></td>
<td></td>
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<tr>
<td>COM 1700</td>
<td>SPEE 102</td>
<td></td>
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<tr>
<td>STAT 2160</td>
<td>MATH 150</td>
<td></td>
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<tr>
<td>MATH 2000</td>
<td>MATH 141 or 2000 at WMU</td>
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<tr>
<td>PHYS 1070 &amp; 1080</td>
<td>PHYS 101 &amp; 102 or 1070 &amp; 1080 at WMU</td>
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<tr>
<td>IME 1020</td>
<td>ENGL 103 or 104 or 105</td>
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**Required for Flight Science majors only:**

- ECON 2010                    | ECON 202                     |                              |
- GEOG 1050                    | No equivalent                |                              |
- GEOG 2250                    | GEOG 203                     |                              |
- PSY 1000                     | PSYC 101                     |                              |

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

- CIS 1020                     | ISYS 110                     |                              |
- GEOG 1050                    | No equivalent                |                              |
GEOG 2250  GEOG 203
ECON 2010  ECON 202
ECON 2020  ECON 201
ACTY 2100  ACCO 201
ACTY 2110  ACCO 202
MKTG 2500  BUSI 220
BUS 1750   BUSI 101
PSY 1000   PSYC 101

Required for Maintenance Technology majors only:
BUS 1750   BUSI 101
CHEM 1100/1110 CHEM 101

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 contact the technical staff at w mich.edu/aviation;
- For program information, please contact the advising office indicated below.

Approved by:
Sharon Van Dyken
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College of Aviation

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