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 SMC:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>SMC courses</th>
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| Areas I, II, III, IV, and VIII on the WMU | [general education program transfer guide](http://www.wmich.edu/)
| COM 1700              | SPEE 102             |
| STAT 2160             | MATH 150             |
| MATH 2000             | MATH 141 or 2000 at WMU |
| PHYS 1070 & 1080      | PHYS 101 & 102 or 1070 & 1080 at WMU |
| IEE 1020              | ENGL 103 or 104 or 105 |

**Required for Flight Science majors only:**

- ECON 2010
- GEOG 1050
- PSY 1000

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

- CIS 1020
- GEOG 1050
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 visit the WMU College of Aviation website;
- For program information, please contact the advising office indicated below.

**Approved by:**
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