Western Michigan University Aviation Curriculum Guide

Pre-Aviation curriculum requirements:

- The aviation program has 3 different majors:
  - Flight Science (pilot training)
  - Technical Operations
  - 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 (1st class is recommended)
  - Enrollment in flight theory courses is subject to a minimum grade point average of 3.0 for community college students and transfers from other 4-year colleges and/or universities and placement of Math 1110 or higher at WMU
  - Availability of aircraft and instructors

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

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>LMC courses</th>
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</thead>
<tbody>
<tr>
<td>COM 1700</td>
<td>PSYC 205</td>
</tr>
<tr>
<td>STAT 2160</td>
<td>MATH 216 or BUSA 216</td>
</tr>
<tr>
<td>MATH 2000</td>
<td>MATH 205</td>
</tr>
<tr>
<td>PHYS 1070 &amp; 1080</td>
<td>PHYS 101 &amp; 102</td>
</tr>
<tr>
<td>IEE 1020</td>
<td>ENGL 101 or 102 or 103; or HONR 250 or 251</td>
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*Please see the [WMU Essential Studies (WES) program guide](#)

- **Required for Flight Science majors:**
  - ECON 2010
  - GEOG 1050
  - PSY 1000

- **Required for Management and Operations majors:**
  - CIS 1020
  - ECON 2010

2021/22
ECON 2020     BUSA 203
ACTY 2100     BUSA 201
ACTY 2110     BUSA 202
MKTG 2500     BUSA 209
BUS 1750      BUSA 103
PSY 1000      PSYC 201

Required for Technical Operations majors only:
BUS 1750      BUSA 103

Important notes:

- Satisfactory completion of all CFR Part 147 requirements in the Technical 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 Flight Science 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.
- For information on airplanes, hangars, engines, and other technical items, please visit the WMU Aviation website.
- For program information, please contact the advising office indicated below.

Approved by:
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