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 JC:

<table>
<thead>
<tr>
<th>WMU Courses</th>
<th>JC Courses</th>
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<tbody>
<tr>
<td>COM 1700</td>
<td>COM 240</td>
</tr>
<tr>
<td>STAT 2160</td>
<td>MAT 133 or CIS 203</td>
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<tr>
<td>MATH 2000</td>
<td>MAT 151</td>
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<tr>
<td>IEE 1020</td>
<td>ENG 131 or 132 or 232</td>
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*Please see the [WMU Essential Studies (WES) program guide](#) for more information.

**Required for Flight Science majors:**

- ECON 2010
- PHYS 1070 | 1080
- PSY 1000

**Required for Management and Operations majors:**

- ACTY 2100
- ACTY 2110
- BUS 1750
- ECON 2010
ECON 2020          ECN 231
MKTG 2500          BUA 230
PSY 1000            PSY 140 or 140A

**Required for Technical Operations majors only:**
BUS 1750            BUA 100
PHYS 1070|1080       PHY 231 and 232

**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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