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 Alpena:

<table>
<thead>
<tr>
<th>WMU Courses</th>
<th>ACC Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 1700</td>
<td>SPE 12</td>
</tr>
<tr>
<td>STAT 2160</td>
<td>MTH 223</td>
</tr>
<tr>
<td>MATH 2000</td>
<td>MTH 130</td>
</tr>
<tr>
<td>IEE 1020</td>
<td>BUS 248 or ENG 111 or 112 or 121 or 122 or 123</td>
</tr>
</tbody>
</table>

*Please see the [WMU Essential Studies (WES) program guide](#)

Required for Flight Science majors only:

ECON 2010    | ECN 231 |
PHYS 1070|1080 | PHY 121 & 122 |
PSY 1000    | PSY 101 |

Required for Management and Operations majors:

ACTY 2100   | BUS 123 |
ACTY 2110   | BUS 124 |
BUS 1750    | BUS 121 |
ECON 2010         ECN 231
ECON 2020         ECN 232
MKTG 2500         BUS 241
PSY 1000          PSY 101

**Required for Technical Operations majors only:**
BUS 1750          BUS 121
PHYS 1070|1080    PHY 121 & 122

**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 College of Aviation website.
- 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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