Western Michigan University Aviation Curriculum Guide

Pre-Aviation curriculum requirements:

❖ The aviation program has three 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 2\textsuperscript{nd} class medical (1\textsuperscript{st} 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 OCC:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>OCC courses</th>
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</thead>
<tbody>
<tr>
<td>COM 1700</td>
<td>COM 1290</td>
</tr>
<tr>
<td>STAT 2160</td>
<td>MAT 1580</td>
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<tr>
<td>MATH 2000</td>
<td>MAT 160</td>
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<tr>
<td>PHYS 1070</td>
<td>PHY 1610 &amp; 1620</td>
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<tr>
<td>IEE 1020</td>
<td>ENG 1510 or 1520 or 2200</td>
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*Please see the [WMU Essential Studies (WES) program guide](https://www.wmich.edu/essentialstudies)

Required for Flight Science majors only:

| ECON 2010 | ECO 2620 |
| PSY 1000  | PSY 2510 |

Required for Management and Operations majors only:

| ACTY 2100 | ACC 1810 |
| ACTY 2110 | ACC 1820 |
BUS 1750         BUS 1100
ECON 2010        ECO 2620
ECON 2020        ECO 2610
MKTG 2500        BUS 2640
PSY 1000         PSY 2510

**Required for Technical Operations majors only:**
BUS 1750         BUS 1100

**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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