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 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 KCC:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>KCC courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 1700</td>
<td>SPE 11401</td>
</tr>
<tr>
<td>STAT 2160</td>
<td>MTH 20600</td>
</tr>
<tr>
<td>MATH 2000</td>
<td>MTH 22002</td>
</tr>
<tr>
<td>IEE 1020</td>
<td>ENG 10303 or 10403 or 11800</td>
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</tbody>
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*Please see the [WMU Essential Studies (WES) program guide](#)

Required for Flight Science majors only:

| ECON 2010    | ECO 20200   |
| PHYS 1070|1080      | PHY 11000   |
| PSY 1000     | PSY 10100   |

Required for Management and Operations majors only:

| ACTY 2100    | ACC 12100   |
| ACTY 2110    | ACC 12200   |
| BUS 1750     | BUS 10100   |
| ECON 2010    | ECO 20200   |
ECON 2020  ECO 20100
MKTG 2500  MKT 20000
PSY 1000  PSY 10100

**Required for Technical Operations majors only:**

BUS 1750  BUS 10100
PHYS 1070|1080  PHY 11000

**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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