Muskegon Community College

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 Muskegon:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>MCC courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 2160</td>
<td>MATH 115</td>
</tr>
<tr>
<td>MATH 2000</td>
<td>MATH 151</td>
</tr>
<tr>
<td>PHYS 1070</td>
<td>1080</td>
</tr>
<tr>
<td>IEE 1020</td>
<td>BCOM 102 or ENG 101</td>
</tr>
</tbody>
</table>

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

Required for Flight Science majors only:

| ECON 2010    | ECON 102          |
| GEOG 1050    | GEOG 101A         |
| GEOG 2250    | GEOG 215          |
| PSY 1000     | PSYC 201          |

Required for Management and Operations majors only:

| ACTY 2100   | ACC 201          |
| ACTY 2110   | ACC 202          |
BUS 1750       BUS 121
ECON 2010     ECON 102
ECON 2020     ECON 101
MKTG 2500     BUS 260
PSY 1000      PSYC 201

**Required for Technical Operations majors only:**
BUS 1750       BUS 121

**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:**
Sharon Van Dyken
Director of Academic Advising
College of Aviation

**Contact information:**
sharon.vandyken@wmich.edu
(269) 964-6375