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 colleges and/or universities and minimum ACT Math score 20 or minimum SAT Math score 520 or math 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 College of DuPage:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>COD courses</th>
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</thead>
<tbody>
<tr>
<td>COM 1700</td>
<td>SPEEC 1160</td>
</tr>
<tr>
<td>STAT 2160</td>
<td>MATH 1635</td>
</tr>
<tr>
<td>MATH 2000</td>
<td>MATH 2134</td>
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<tr>
<td>PHYS 1070, 1080</td>
<td>PHYSI 1100</td>
</tr>
<tr>
<td>IEE 1020</td>
<td>ENGLI 1101 or 1102 or 1105</td>
</tr>
<tr>
<td>Gen Ed Area VIII</td>
<td>PHYS 2251</td>
</tr>
</tbody>
</table>

Required for Flight Science majors only:

- ECON 2010
- GEOG 2250
- PSY 1000

Required for Management and Operations majors:

- CIS 1020
- GEOG 2250

WMU courses

Fall 2019
ECON 2010
ECONO 2202
ECON 2020
ECONO 2201
ACTY 2100
ACCOU 2140
ACTY 2110
ACCOU 2150
MKTG 2500
MARKE 2210
BUS 1750
BUSIN 1100
PSY 1000
PSYCH 1100

Required for Technical Operations majors only:
BUS 1750
BUSIN 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;
- Graduates of the Flight Science major earn their FAA Commercial Pilot Certificate with Instrument and Multi-engine Land ratings;
- 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.

General Education:

- See the General Education requirements at WMU.
- Note: Only do two courses from the General Education Areas I, II, III and IV at College of DuPage. Two courses must be taken at the 3000+ level at WMU.

Approved by:

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