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 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 Glen Oaks:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>Glen Oaks courses</th>
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</thead>
<tbody>
<tr>
<td>COM 1700</td>
<td>COM 110</td>
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<tr>
<td>STAT 2160</td>
<td>BUS 205</td>
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<tr>
<td>MATH 2000</td>
<td>MATH 161</td>
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<tr>
<td>IEE 1020</td>
<td>ENG 121 or 122</td>
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<tr>
<td>Gen Ed Area VIII</td>
<td>PHED 106</td>
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</tbody>
</table>

Required for Flight Science majors only:

- ECON 2010
- GEOG 1050
- PSY 1000

Required for Management and Operations majors:

- CIS 1020
GEOG 1050  GEOG 142  
ECON 2010  ECON 203  
ECON 2020  ECON 204  
ACTY 2100  ACCT 111  
ACTY 2110  ACCT 112  
MKTG 2500  BUS 250  
BUS 1750  BUS 104  
PSY 1000  PSY 101  

**Required for Technical Operations majors only:**
BUS 1750  BUS 104  
CHEM 1100/1110  CHEM 133  

**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.

**Approved by:**
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