Western Michigan University Aviation Curriculum Guide

Pre aviation curriculum requirements:

- The aviation program has 3 different majors:
  - Flight Science (pilot training);
  - Maintenance Technology;
  - 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 and student pilot certificate (1st class is recommended);
  - Enrollment in flight theory courses is subject to a minimum grade point average of 2.5 for community college students and a 2.0 for transfers from other 4 year colleges and/or universities;
  - Availability of aircraft and instructors.

The following courses are required of all 3 majors and may be taken at Washtenaw:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>WCC courses</th>
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</thead>
<tbody>
<tr>
<td>Areas I, II, III, IV, and VIII on the WMU</td>
<td>general education program transfer guide</td>
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<tr>
<td>COM 1700</td>
<td>COM 102</td>
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<tr>
<td>STAT 2160</td>
<td>MTH 160</td>
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<tr>
<td>MATH 2000</td>
<td>MTH 182</td>
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<tr>
<td>PHYS 1070 &amp; 1080</td>
<td>PHY 105</td>
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<tr>
<td>IEE 1020</td>
<td>ENG 111 or 226</td>
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</tbody>
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Required for Flight Science majors only:

- ECON 2010
- GEOG 1050
- GEOG 2250
- PSY 1000

Required for Management and Operations majors only:

- CIS 1020
- GEOG 1050
GEOG 2250  
ECON 2010  
ECON 2020  
ACTY 2100  
ACTY 2110  
MKTG 2500  
BUS 1750  
PSY 1000  

No equivalent  
ECO 222  
ECO 211  
ACC 111  
ACC 122  
BMG 250  
BMG 140  
PSY 100

Required for Maintenance and Technology majors only:  
BUS 1750  
CHEM 1100/1110  

BMG 140  
CEM 111

Important notes:

- Satisfactory completion of all requirements in the Maintenance 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 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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College of Aviation

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