



WESTERN MICHIGAN UNIVERSITY

Macomb Community College

Fall 2019

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 Macomb:

WMU courses

MCC courses

Note: Only do two courses from the General Education Areas I, II, III and IV at Macomb. Two courses must be taken at the 3000+ level at WMU. See the [general education program transfer guide](#)

COM 1700

SPCH 2100

STAT 2160

MATH 1340

MATH 2000

MATH 1370

PHYS 1070 & 1080

PHYS 1180 & 1190

IEE 1020

BCOM 2050 or ENGL 1180 or 1190 or 1210 or 1220

Gen ED Area VIII

WHES 2000 or 2022 or 2026 or 2032 or 2036 or

2042 or 2060 or 2070

Required for Flight Science majors only:

ECON 2010

ECON 1170

PSY 1000

PSYC 1010

Required for Management and Operations majors only:

CIS 1020

ITCS 1010

ECON 2010

ECON 1170

ECON 2020

ECON 1160

ACTY 2100

ACCT 1080

ACTY 2110

ACCT 1090

MKTG 2500

MKTG 1010

BUS 1750

BUSN 1010

PSY 1000

PSYC 1010

Required for Technical Operations majors only:

BUS 1750

BUSN 1010

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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College of Aviation

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