



Montcalm Community College

2025/26

Western Michigan University Aviation Curriculum Guide

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 Montcalm:

WMU courses

MCC courses

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

COM 1700
STAT 2160
MATH 2000
IEE 1020

COMM 220
MATH 190
MATH 250
ENGL 100 or 101

Required for Flight Science majors only:

ECON 2010
PHYS 1070
PSY 1000

ECON 216
PHYS 112
PSYC 120

Required for Management and Operations majors only:

ACTY 2100
ACTY 2110
BUS 1750
ECON 2010
ECON 2020
MKTG 2500

ACCT 115
ACCT 116
BUSN 135
ECON 216
ECON 215
MRKT 233

PSY 1000

PSYC 120

Required for Technical Operations majors only:

BUS 1750

BUSN 135

PHYS 1070|1080

PHYS 112

Important notes:

- ❖ Satisfactory completion of all CFR Part 147 requirements in the Aviation Technical Operations major prepares students to take the Federal Aviation Administration (FAA) Airframe and Powerplant written and practical exams.
- ❖ Beginning with Fall 2026 admission to the Flight Science major, students are required to have an FAA First or Second Class Medical Certification at the time of application.
- ❖ 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 Aviation website : <https://wmich.edu/aviation> .
- ❖ 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