



## Monroe County 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 2<sup>nd</sup> class medical (1<sup>st</sup> 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 Monroe:

#### WMU courses

#### MCCC courses

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

COM 1700	SPCH 155
STAT 2160	MATH 162
MATH 2000	MATH 171
IEE 1020	ENGL 151 or 152 or 155

#### Required for Flight Science majors only:

ECON 2010	ECON 252
PHYS 1070	PHY 151 & 152
PSY 1000	PSYCH 151

#### Required for Management and Operations majors only:

ACTY 2100	ACCTG 151
ACTY 2110	ACCTG 152
BUS 1750	BUSAD 151
ECON 2010	ECON 252
ECON 2020	ECON 251
MKTG 2500	MCOM 201
PSY 1000	PSYCH 151

#### Required for Technical Operations major only:

BUS 1750  
PHYS 1070|1080

BUSAD 151  
PHY 151 & 152

**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