Wayne County Community College District   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 Wayne:

WMU courses	WCCCD courses
*Please see the [WMU Essential Studies (WES) program guide](#)	
COM 1700	SPH 100
STAT 2160	BUS 221 or MAT 131
MATH 2000	MAT 171
IEE 1020	ENG 119 or 120 or 134
Required for Flight Science majors only:	
ECON 2010	ECO 102
PHYS 1070	PHY 115
PSY 1000	PSY 101
Required for Management and Operations majors only:	
ACTY 2100	ACC 110
ACTY 2110	ACC 111
BUS 1750	BUS 150
ECON 2010	ECO 102
ECON 2020	ECO 101

MKTG 2500   MKT 200
PSY 1000   PSY 101
Required for Technical Operations majors only:
BUS 1750   BUS 150
PHYS 1070|1080   PHY 115

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