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 KCC:

WMU courses	KCC courses
*Please see the [WMU Essential Studies (WES) program guide](#)	
COM 1700	SPE 11401
STAT 2160	MTH 20600
MATH 2000	MTH 22002
IEE 1020	ENG 10303 or 10403 or 11800

Required for Flight Science majors only:

ECON 2010	ECO 20200
PHYS 1070	PHY 11000
PSY 1000	PSY 10100

Required for Management and Operations majors only:

ACTY 2100	ACC 12100
ACTY 2110	ACC 12200
BUS 1750	BUS 10100
ECON 2010	ECO 20200
ECON 2020	ECO 20100
MKTG 2500	MKT 20000

PSY 1000   PSY 10100
Required for Technical Operations majors only:
BUS 1750   BUS 10100
PHYS 1070|1080   PHY 11000

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