



Mott Community College

2023/24

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 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 Mott:

WMU Courses

Mott Courses

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

COM 1700

COMM 131

STAT 2160

MATH 150

MATH 2000

MATH 165

IEE 1020

ENGL 101 or 102 or 103

Required for Flight Science majors only:

ECON 2010

ECON 222

PHYS 1070|1080

PHYS 281 & 282

PSY 1000

PSYC 281

Required for Management and Operations majors:

ACTY 2100

ACCT 201

ACTY 2110

ACCT 202

BUS 1750	BUSN 104
ECON 2010	ECON 222
ECON 2020	ECON 221
MKTG 2500	MKTG 150
PSY 1000	PSYC 281

Required for Technical Operations majors only:

BUS 1750	BUSN 104
PHYS 1070 1080	PHYS 281 & 282

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 Aviation website.
- ❖ 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