



West Shore 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 West Shore:

WMU Courses

WSCC Courses

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

COM 1700
STAT 2160
MATH 2000
IEE 1020

COM 110
MTH 123
MTH 222
ENG 111 or 112

Required for Flight Science majors only:

ECON 2010	ECO 136
PHYS 1070 1080	PHY 232 & PHY 233
PSY 1000	PSY 161

Required for Management and Operations majors only:

ACTY 2100	ACC 121
ACTY 2110	ACC 122
BUS 1750	BUS 100
ECON 2010	ECO 136

ECON 2020

ECO 137

MKTG 2500

MKT 241

PSY 1000

PSY 161

Required for Technical Operations majors only:

BUS 1750

BUS 100

PHYS 1070|1080

PHY 232 & PHY 233

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:

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