



Schoolcraft 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 Schoolcraft:

WMU Courses

Schoolcraft Courses

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

COM 1700	COMA 200
STAT 2160	MATH 122
MATH 2000	MATH 145
IEE 1020	ENG 101 or 102 or 106 or 116

Required for Flight Science majors only:

ECON 2010	ECON 202
PHYS 1070 1080	PHYS 123
PSY 1000	PSYCH 201

Required for Management and Operations majors only:

ACTY 2100	ACCT 201
ACTY 2110	ACCT 202
BUS 1750	BUS 101
ECON 2010	ECON 202

ECON 2020

ECON 201

MKTG 2500

BUS 226

PSY 1000

PSYCH 201

Required for Technical Operations only:

BUS 1750

BUS 101

PHYS 1070|1080

PHYS 123

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.

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