



Lansing 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 Lansing:

WMU Courses

LCC Courses

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

COM 1700
STAT 2160
MATH 2000
IEE 1020

COMM 240
STAT 170 or 215
MATH 141
ENGL 121 or 122 or 124 or 127 or 131 or 132

Required for Flight Science majors only:

ECON 2010
GEOG 2250
PHYS 1070|1080
PSY 1000

ECON 201
GEOG 220
PHYS 221 & 222
PSYC 200

Required for Management and Operations majors only:

ACTY 2100
ACTY 2110
BUS 1750
ECON 2010
ECON 2020

ACCG 210
ACCG 211
BUSN 118
ECON 201
ECON 202

GEOG 2250

MKTG 2500

PSY 1000

Required for Technical Operations majors only:

BUS 1750

PHYS 1070|1080

GEOG 220

MKTG 200

PSYC 200

BUSN 118

PHYS 221 & 222

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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