



Oakland Community College

2021/22

Western Michigan University Aviation Curriculum Guide

Pre-Aviation curriculum requirements:

- The aviation program has three 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 OCC:

WMU courses

OCC courses

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

COM 1700

COM 1290

STAT 2160

MAT 1580

MATH 2000

MAT 1600

PHYS 1070 & 1080

PHY 1610 & 1620

IEE 1020

ENG 1510 or 1520 or 2200

Required for Flight Science majors only:

ECON 2010

ECO 2620

PSY 1000

PSY 2510

Required for Management and Operations majors only:

CIS 1020

CIS 1050

ECON 2010

ECO 2620

ECON 2020

ECO 2610

ACTY 2100

ACC 1810

ACTY 2110

ACC 1820

MKTG 2500

BUS 2640

BUS 1750

BUS 1100

PSY 1000

PSY 2510

Required for Technical Operations majors only:

BUS 1750

BUS 1100

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