



Grand Rapids Community College

2025/26

Western Michigan University Aviation Curriculum Guide

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 GRCC:

WMU courses

GRCC courses

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

STAT 2160
COM 1700
IEE 1020
MATH 2000

BA 254 or MA 215
COM 135
EN 101 or 102 or 249
MA 129

Required for Flight Science majors only:

ECON 2010	EC 252
PHYS 1070	PH 115
PSY 1000	PY 201

Required for Management and Operations majors:

ACTY 2100	BA 256
ACTY 2110	BA 257
BUS 1750	BA 103
ECON 2010	EC 252
ECON 2020	EC 251

MKTG 2500

BA 270

PSY 1000

PY 201

Required for Technical Operations majors only:

BUS 1750

BA 103

PHYS 1070|1080

PH 115

Important notes:

- ❖ Satisfactory completion of all CFR Part 147 requirements in the Aviation Technical Operations major prepares students to take the Federal Aviation Administration (FAA) Airframe and Powerplant written and practical exams.
- ❖ Beginning with Fall 2026 admission to the Flight Science major, students are required to have an FAA First or Second Class Medical Certification at the time of application.
- ❖ 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 : <https://wmich.edu/aviation> .
- ❖ 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