



Kellogg 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 KCC:

WMU Courses

KCC Courses

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

AVS 1200

AVIA 100

AVS 1210

AVIA 110

AVS 1220

AVIA 115

AVS 1225

AVIA 130

IEE 1020

ENGL 151 or 151H or 152 or 152H or 153

MATH 2000

MATH 141

STAT 2160

MATH 130 or BUAD 213

Required for Flight Sciences majors only:

ECON 2010

ECON 202

PHYS 1070|1080

PHYS 111 & 112

PSY 1000

PSYC 201 or 201H

Required for Management and Operations majors only:

ACTY 2100

ACCO 101

ACTY 2110

ACCO 102

BUS 1750

BUAD 101

ECON 2010

ECON 202

ECON 2020

ECON 201

MKTG 2500

PSY 1000

Required for Technical Operations majors only:

BUS 1750

PHYS 1070|1080

BUAD 251

PSYC 201 or 201H

BUAD 101

PHYS 111 & 112

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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