



Kirtland Community College

2022/23

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](#)

COM 1700	SPE 11401
STAT 2160	MTH 20600
MATH 2000	MTH 22002
PHYS 1070 1080	PHY 11000
IEE 1020	ENG 10303 or 10403 or 11800

Required for Flight Science majors only:

ECON 2010	ECO 20200
PSY 1000	PSY 10100

Required for Management and Operations majors only:

ACTY 2100	ACC 12100
ACTY 2110	ACC 12200
BUS 1750	BUS 10100
ECON 2010	ECO 20200

ECON 2020

ECO 20100

MKTG 2500

MKT 20000

PSY 1000

PSY 10100

Required for Technical Operations majors only:

BUS 1750

BUS 10100

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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