Kalamazoo Valley 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 KVCC:

WMU Courses	KVCC Courses
*Please see the WMU Essential Studies (WES) program guide	
COM 1700	COM 113
STAT 2160	MATH 216 or 220
MATH 2000	MATH 158
IEE 1020	ENG 110 or 112 or 127 or 160
Required for Flight Science majors only:	
ECON 2010	ECO 202
PHYS 1070|1080	PHY 111 and 112
PSY 1000	PSY 150
Required for Management and Operations majors only:	
ACTY 2100	ACC 101
ACTY 2110	ACC 102
BUS 1750	BUS 101
ECON 2010	ECO 202
ECON 2020	ECO 201
MKTG 2500	BUS 105

PSY 1000	PSY 150
Required for Technical Operations majors only:	
BUS 1750	BUS 101
PHYS 1070|1080	PHY 111 and 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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