



WESTERN MICHIGAN UNIVERSITY

Kirtland Community College

Fall 2018

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 minimum ACT Math score 20 or minimum SAT Math score 520 or math 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

Note: Only do two courses from the General Education Areas I, II, III and IV at Kirtland. Two courses must be taken at the 3000+ level at WMU. See the [general education program transfer guide](#)

COM 1700

SPE 11400

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:

CIS 1020	CIS 10500
ECON 2010	ECO 20200
ECON 2020	ECO 20100
ACTY 2100	ACC 12100
ACTY 2110	ACC 12200
MKTG 2500	MKT 20000
BUS 1750	BUS 10100
PSY 1000	PSY 10100

Required for Technical Operations majors only:

BUS 1750	BUS 10100
CHEM 1100/1110	CHE 10101 & 10102

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 College of Aviation website;
- For program information, please contact the advising office indicated below.

Approved by:

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