



WESTERN MICHIGAN UNIVERSITY

Muskegon 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 Muskegon:

WMU courses

MCC courses

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

STAT 2160

MATH 115

MATH 2000

MATH 151

PHYS 1070 & 1080

PHYS 201 & 202

IEE 1020

BCOM 101 or ENG 101

Gen Ed AREA VIII

HE 106

Required for Flight Science majors only:

ECON 2010

ECON 102

GEOG 1050

GEOG 101A

GEOG 2250

GEOG 215

PSY 1000

PSYC 201

Required for Management and Operations majors only:

CIS 1020	CIS 110 or 120A
GEOG 1050	GEOG 101A
GEOG 2250	GEOG 215
ECON 2010	ECON 102
ECON 2020	ECON 101
ACTY 2100	ACC 201
ACTY 2110	ACC 202
MKTG 2500	BUS 260
BUS 1750	BUS 121
PSY 1000	PSYC 201

Required for Technical Operations majors only:

BUS 1750	BUS 121
CHEM 1100/1110	CHEM 101 & 101A

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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