



WESTERN MICHIGAN UNIVERSITY

Gogebic Community College

Fall 2016

Western Michigan University Aviation Curriculum Guide

Pre aviation curriculum requirements:

- The aviation program has 3 different majors:
 - Flight Science (pilot training);
 - Maintenance Technology;
 - 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 and student pilot certificate (1st class is recommended);
 - Enrollment in flight theory courses is subject to a minimum grade point average of 2.5 for community college students and a 2.0 for transfers from other 4 year colleges and/or universities;
 - Availability of aircraft and instructors.

The following courses are required of all 3 majors and may be taken at GCC:

WMU courses

Areas I, II, III, IV, and VIII on the WMU [general education program transfer guide](#)

COM 1700

STAT 2160

MATH 2000

PHYS 1070/80

IEE 1020

GCC courses

SPE 105

MTH 211

MTH 150 or MATH 2000 at WMU

PHY 201 & 202 or PHYS 1070 & 1080 at WMU

ENG 101 or 102 or 105 or 111 or 112 or 250

Required for Flight Science majors only:

ECON 2010

GEOG 1050

GEOG 2250

PSY 1000

ECO 202

No equivalent

No equivalent

PSY 101

Required for Management and Operations majors only:

CIS 1020

CIT 161

GEOG 1050	No equivalent
GEOG 2250	No equivalent
ECON 2010	ECO 202
ECON 2020	ECO 201
ACTY 2100	ACC 201
ACTY 2110	ACC 202
MKTG 2500	BUS 210
BUS 1750	BUS 101
PSY 1000	PSY 101

Required for Maintenance Technology only:

BUS 1750	BUS 101
CHEM 1100/1110	CHM 151

Important notes:

- Satisfactory completion of all requirements in the Maintenance 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 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:

Sharon Van Dyken
 Director of Academic Advising
 College of Aviation

Contact information:

sharon.vandyken@wmich.edu
 (269) 387-0347