



Bay de Noc Community College

2021/22

## 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 2<sup>nd</sup> class medical (1<sup>st</sup> 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 Bay:

#### WMU courses

#### Bay courses

\* Please see the [WMU Essential Studies \(WES\) program guide](#)

COM 1700

COMM 103 or 103H

STAT 2160

MATH 210

PHYS 1070 & 1080

PHYS 201 & 202

IEE 1020

ENGL 101 or 101H or 102 or 145

#### Required for Flight Science majors only:

ECON 2010

ECON 132

GEOG 1050

GEOG 110

PSY 1000

PSYC 201

#### Required for Management and Operations majors only:

CIS 1020

CIS 101

ECON 2010

ECON 132

ECON 2020

ECON 131

ACTY 2100	ACCT 101
ACTY 2110	ACCT 102
MKTG 2500	BUSN 253
BUS 1750	BUSN 160
PSY 1000	PSYC 201

**Required for Technical Operations majors only:**

BUS 1750	BUSN 160
----------	----------

**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:**

Sharon Van Dyken  
Director of Academic Advising  
College of Aviation

**Contact information:**

sharon.vandyken@wmich.edu  
(269) 964-6375