



## Wayne County Community College District

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 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 Wayne:

##### WMU courses

##### WCCCD courses

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

COM 1700

SPH 100

STAT 2160

BUS 221 or MAT 131

MATH 2000

MAT 171

IEE 1020

ENG 119 or 120 or 134

#### Required for Flight Science majors only:

ECON 2010

ECO 102

PHYS 1070|1080

PHY 115

PSY 1000

PSY 101

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

ACTY 2100

ACC 110

ACTY 2110

ACC 111

BUS 1750

BUS 150

ECON 2010	ECO 102
ECON 2020	ECO 101
MKTG 2500	MKT 200
PSY 1000	PSY 101

**Required for Technical Operations majors only:**

BUS 1750	BUS 150
PHYS 1070 1080	PHY 115

**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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