Wayne County Community College District

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 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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COM 1700 | SPH 100
STAT 2160 | BUS 221 or MAT 131
MATH 2000 | MAT 171
PHYS 1070|1080 | PHY 115
IEE 1020 | ENG 119 or 120 or 134

**Required for Flight Science majors only:**
- ECON 2010 | ECO 102
- PSY 1000 | PSY 101

**Required for Management and Operations majors only:**
- CIS 1020 | CIS 110
- ECON 2010 | ECO 102
- ECON 2020 | ECO 101

*Please see the [WMU Essential Studies (WES) program guide](#)
ACTY 2100        ACC 110
ACTY 2110        ACC 111
MKTG 2500        MKT 200
BUS 1750         BUS 150
PSY 1000         PSY 101

Required for Technical Operations majors only:
BUS 1750         BUS 150

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.
- 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:
Sharon Van Dyken
Director of Academic Advising
College of Aviation

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