



Aviation Flight Science Program Agreement

Western Michigan University
Bachelor of Science in Aviation Flight Science(B.S.)

Kellogg Community College
Associate in Science

Catalog Year 2023 - 2024

I. KCC COURSES for GENERAL EDUCATION/Michigan Transfer Agreement (MTA) (30 credits minimum)		
See attached KCC MTA guide for specific courses from KCC that will fulfill the MTA requirements		
KCC Course	WMU WES Equivalent	Transfer Credit Hours
English Composition – ENGL 151, or ENGL 151 H & COMM 110	IEE 1020 & COM 1700	6
HUMA 151 and SERV 200	ART 1480, CBDRO	6
Mathematics - Math 141	MATH 2000	5
Science – PHYS 111 and GEOG 100.	PHYS 1130/1140,	8
Social Sciences – PSYC 201/201H, ECON 202	PSY 1000, ECON 2010	6
TOTAL CREDIT HOURS		31 CREDIT HOURS AT KCC

II. KCC required COURSES for PROGRAM - (27 credits)		
KCC Course	WMU Equivalent	Transfer Credit Hours
Program Prerequisites		
MATH 130	STAT 2160	3
FYS 101	FYE	1
PHYS 112	PYSC 1150/1160	4
Aviation Courses		
AVIA 100	AVS 1200	3
AVIA 110	AVS 1210	2
AVIA 115	AVS 1220	2
AVIA 130	AVS 1225	2
Choose 10 elective credits (must be different courses from above) from the following: ACCO 101 ACCO 102 ANTH 200 ART 103 ASTR 104 BIOL 101 BIOL 105 BIOL 109 BIOL 110 BUAD 101 BUAD 202 BUAD 274 CHEM 100 CHEM 110 CHEM 111 CHEM 201 CHEM 202 COMM 241 CP 101 EDUC 200 ENGL 152/152H ENGL 153 ENGL 203 HIST 103 HIST 104/104H HIST 151/151H HIST 152/152H HIST 201 HIST 202 HIST 210 INTL 210 LITE 105 MATH 115 MATH 125 MATH 132 MATH 140 MATH 142 MATH 241 MATH 242 MUSI 141 PEHL 140 PHIL 201/201H PHIL 202 PHIL 230 PHIL 240 PHIL 260	Varies	10

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PHYS 109 PHYS 221 PHYS 222 POSC 202 POSC 210 POSC 211 PSYC 220 PSYC 240 PSYC 250 PSYC 260 PSYC 265 PSYC 270 PSYC 275 PSYC 285 PSYC 290 SCIE 100 SCIE 102 SCIE 103 SERV 100 SOCI 201/201H SOCI 202 SOCI 205 SOCI 206 THEA 121		
TOTAL CREDIT HOURS		60 TOTAL CREDIT HOURS AT KCC

II. WMU COURSES REQUIRED FOR PROGRAM DEGREE (60 credits)		
WMU Course	WMU Course Title	WMU Credit Hours
AVS 1230	Aircraft Systems Laboratory	1
AVS 1235	Aircraft Powerplants Laboratory	1
AVS 1510	Professional Flight Theory I	3
AVS 1520	Professional Flight 1A Lab	2
AVS 1525	Professional Flight 1B Lab	2
AVS 2050	Aviation Safety	3
AVS 2060	Flight Physiology	3
AVS 2510	Professional Flight II Theory	3
AVS 2520	Professional Flight II Lab	2
AVS 3060	Advanced Aerodynamics and Performance	3
AVS 3080	Advanced Aircraft Systems Lab	3
AVS 3220	Global Navigation and International Flight Planning	3
AVS 3530	Professional Flight III Theory	2
AVS 3540	Professional Flight III Lab	2
AVS 3550	Professional Flight IV Theory	2
AVS 3560	Professional Flight IV Lab	2
AVS 4110	Airline Flight Operations	3
AVS 4120	Line Oriented Flight Crew Simulation	4
AVS 2070	Crew Resource Management	3
AVS 3290	Aviation Meteorology for Pilots	3
AVS 3070	Advanced Aircraft Systems	3
AVS 3190	Aviation Law	3
AVS 4240	Corporate Aviation Management	3
AVS 4270	Airline Administration	4
AVS Career Elective		3
GEOG 2250	Intro to Meteorology	4
Local and National Perspective		3
Global Perspective		3
TOTAL CREDIT HOURS		76 CREDIT HOURS AT WMU

TOTAL CREDITS (I –III)
60 KCC Credits
76 WMU Credits
136 Total Credits

Minimum credits required for KCC associate degree: 60

Minimum credits required at WMU: 60

Total minimum credits required: 122

† Professional level courses that require acceptance into the WMU ?? program

^{GP} WES level 3 courses satisfying Global Perspective

^{NP} WES level 3 courses satisfying Local and National Perspective

Advising Notes

KCC Academic Advisor 269-965-4124 advising@kellogg.edu

WMU Academic Advisor 269-964-6375 sharon.vandyken@wmich.edu

Program Agreement

This agreement shall commence as of April 17, 2023. This program agreement shall abide by all language of the Institutional Agreement between Kellogg Community College and Western Michigan University.

Kellogg Community College is fully accredited by the [Higher Learning Commission](#). Candidates for a degree or certificate from Kellogg Community College must meet specific requirements including the completion of a minimum of sixty (60) credits hours with a cumulative GPA of 2.0 or higher. All degree requirements are listed in the Kellogg Community College Academic Catalog.

All first-time, degree-seeking, kcc students must complete the FYS 101- First-Year Seminar course with a grade of c or higher. Students who obtain an Associate degree or an Associate of Applied Science degree will be required to complete a service-learning experience.

Candidates for a degree or certification from Kellogg Community College must successfully meet the Bruin Standard of General Education which is the combination of academic General Education outcomes and outcomes met through co-curricular experiences.

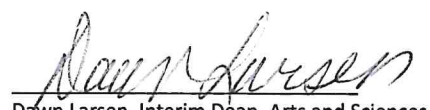
Students should meet with a KCC Academic Advisor for course planning and questions regarding this agreement.

Signatures

Kellogg Community College

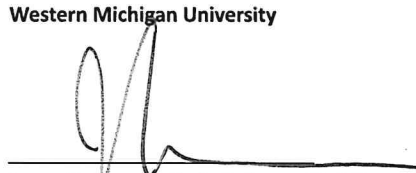


Dr. Michael Goldin, Chair, Math and Science
Kellogg Community College



Dawn Larsen, Interim Dean, Arts and Sciences
Kellogg Community College

Western Michigan University



Jason DeGeorge, Chair, College of Aviation
Western Michigan University



Raymond Thompson, Dean, College of Aviation
Western Michigan University