



Aviation Technical Operations Program Agreement

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

Kellogg Community College
Associate in Arts

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 151/151H, ENGL 152/152H & COMM 110	IEE 1020 & COM 1000	9
HUMA 151 and SERV 200	ART 1480, Varies	6
Mathematics - Math 141	MATH 2000	5
Science – PHYS 111, GEOG 100	PHYS 1070/1080, GEOG 1050	8
Social Sciences – POSC 201/201H, PSYC 201/201H	PSCI 1000, PSY 1000	6
TOTAL CREDIT HOURS		34 MTA CREDIT HOURS AT KCC

II. KCC required COURSES for PROGRAM - (29 credits)		
KCC Course	WMU Equivalent	Transfer Credit Hours
Program Prerequisites		
MATH 130	STAT 2160	3
FYS 101	FYE Credit	1
Aviation Courses		
AVIA 100	AVS 1200	3
AVIA 110	AVS 1210	2
AVIA 115	AVS 1220	2
AVIA 130	AVS 1225	2
PHYS 112	PHYS 1130/1140	4
ECON 202	ECON 2010	3
BUAD 101	BUS 1750	3
COMM 111	COM Credit	3
SOCI 201/201H	SOC 2000	3
TOTAL CREDIT HOURS		29
TOTAL KCC CREDIT HOURS		63 TOTAL CREDIT HOURS AT KCC

II. WMU COURSES REQUIRED FOR PROGRAM DEGREE (81 credits)		
WMU Major Courses	WMU Course Title	WMU Credit Hours
AVS 1910/1915	Aviation Reg & Human Factors	2+1
AVS 1920/1925	Aircraft Basic Science	2+1
AVS 1930/1935	Aircraft Inspections	2+1
AVS 1940/1945	Aircraft Hardware & Fluid Lines	2+1
AVS 1950/1955	Aircraft Electrical	2+1
AVS 2910/2915	Aircraft Metallic Structures	2+1
AVS 2920/2925	Aircraft Non-Metallic Structures	2+1

AVS 2930/2935	Light Aircraft Systems	2+1
AVS 2940/2945	Transport Aircraft Systems	2+1
AVS 2950/2955	Airframe Rigging	2+1
AVS 2960/2965	Airframe Electrical Systems	2+1
AVS 2990/2995	Aircraft Repair	2+1
AVS 3910/3915	Reciprocating Engines	2+1
AVS 3920/3925	Reciprocating Engine Systems	2+1
AVS 3930/3935	Reciprocating Inspection & Repair	2+1
AVS 3940/3945	Engine Electrical & Instruments	2+1
AVS 3950/3955	Turbine Eng Theory, Design, & Inspection	2+1
AVS 3960/3965	Turbine Eng Systems, Operation, & Testing	2+1
AVS 3970/3975	Complex Propellers & Engine Operation	2+1
AVS 4720/4725	Advanced Structures & Materials	2+1
AVS 4630	Professional Maintenance Operations	3
AVS 4650/4655	Advanced Troubleshooting	2+1
AVS 4740	Aviation Maintenance Management	3
AVS 2050	Aviation Safety	3
AVS 3190	Aviation Law	3
WMU ESSENTIAL STUDIES LNP - Local and National Perspectives* GP - Global Perspectives* and/or Electives		6
TOTAL CREDIT HOURS		81 CREDIT HOURS AT WMU

TOTAL CREDITS (I –III)
63 KCC Credits
81 WMU Credits
141 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 National Perspective

Advising NotesKCC Academic Advisor 269-488-4440 advising@kellogg.eduWMU 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

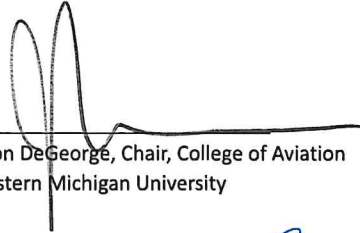


Dr. Michael Goldin, Chair, Math and Science
Kellogg Community College



Dawn Larsen, Interim Dean, Arts and Sciences
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Jason DeGeorge, Chair, College of Aviation
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