



Program Agreement
Western Michigan University
Bachelor of Science,
Mechanical Engineering, BS
Kellogg Community College
Associate in Science, AS
 Catalog Year 2018 – 2019



Courses to take at KCC

Kellogg Community College			
Semester	KCC Course	WMU Equivalent	WMU Transfer Credits
Fall/Sem 1	MATH 141	MATH 1220	5 HOURS
Fall/Sem 1	CHEM 110	CHEM 1100 and 1110	4 HOURS
Fall/Sem 1	ENGL 151	ENGL 1050	3 HOURS
Fall/Sem 1	DRAF 101	EDMM 1420	4 HOURS
Spr/Sem 2	MATH 142	MATH 1230	5 HOURS
Spr/Sem 2	CHEM 111	CHEM 1120 and 1130	4 HOURS
Spr/Sem 2	ENGL 152	ENGL CR	3 HOURS
Spr/Sem 2	Healthy Living Elective: (Choose one) PEHL 101, 113, 119, 125, 131 or 140	PEGN 1700, 1720, 1710, 1730, 1730, HPHE 1110	2 HOURS
Sum/Sem 3	Creativity Elective: (Choose one) ART 212 or 213, or LITE 205	ART 2200 or 2210, ENGL 3120	3 HOURS
Sum/Sem 3	Global Awareness Elective: ECON 201	ECON 2020	3 HOURS
Fall/Sem 4	MATH 241	MATH 2720	4 HOURS
Fall/Sem 4	PHYS 221	PHYS 2050 and 2060	5 HOURS
Fall/Sem 4	CP 101	CS 1110	3 HOURS
Fall/Sem 4	Creativity Elective: (Choose one) ART 212 or 213, or LITE 205	ART 2200 or 2210, ENGL 3120	3 HOURS
Spr/Sem 5	MATH 242	MATH 3740	4 HOURS
Spr/Sem 5	PHYS 222	PHYS 2070 and 2080	5 HOURS
Spr/Sem 5	PHYS 241/ENGR 256	ME 2560	3 HOURS
Spr/Sem 5	Global Awareness Elective: HIST 201 or 202	HIST 3020, 3030	3 HOURS
Sum/Sem 6	PHYS 243/ENGR 258	ME 2580	3 HOURS
	FYS 101	FYE CR	1 HOUR
Total KCC Credits			70 HOURS

Courses to take at WMU

Western Michigan University			
Semester	WMU Course	Credits	WMU Course Title
Fall	ME 2615	3	Introduction to Mechanical Engineering
Fall	ME 2320	3	Thermodynamics
Fall	ECE 2100	4	Circuit Analysis
Fall	ME 3620	3	Theory of Engineering Experimentation
Fall	ME 2570	3	Mechanics of Materials
Spring	ME 3560	3	Fluid Mechanics
Spring	ME 3600	3	Control Systems
Spring	ME 4320	3	Thermodynamics II
Spring	ME 2500	3	Materials Science for Engineers
Spring	ME 3350	3	Instrumentation
Summer	ME 4310	3	Heat Transfer
Fall	ME 3650	3	Machine Design I
Fall	ME 3580	3	Mechanism Analysis
Fall	Design Elective	3	Choose an elective with your advisor
Fall	ME Elective	3	Choose an elective with your advisor
Fall	ME 4790	1	Mechanical and Aerospace Engineering Project Planning
Fall	IEE 3090	2	Engineering Economy for Mechanical Engineers
Spring	ECE 2110	3	Machines and Electronic Circuits
Spring	ME 4800	3	Mechanical and Aerospace Engineering Project
Spring	Design Elective	3	Choose an elective with your advisor
Spring	ME Elective	3	Choose an elective with your advisor
Spring	ME Elective	3	Choose an elective with your advisor
Total WMU Credits		64	
Total Credits Combined		134	

Advising Notes

KCC Academic Advisor 269-965-4124 advising@kellogg.edu
 WMU Academic Advisor 269-276-3270 lenore.yaeger@wmich.edu

WMU elective courses must include two courses with a laboratory experience and two design electives.

This plan satisfies MTA requirements as well as KCC General Education and graduation requirements effective fall 2018. This plan assumes students begin in Calculus I. Students also must be willing to take the summer courses as listed to attempt to graduate in 4 years.


Program Agreement

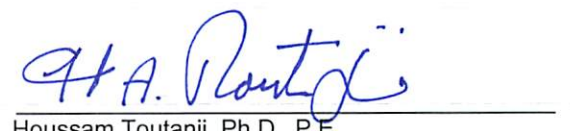
This agreement shall commence as of May 1, 2018. This program agreement shall abide by all language of the Institutional Agreement between Kellogg Community College and Western Michigan University.

Signatures


Kellogg Community College

Western Michigan University


 Tonya Forbes
 Dean, Arts and Sciences


 Houssam Toutanji, Ph.D., P.E.
 Dean, College of Engineering and Applied Sciences


 Carole Davis
 Chair, Math and Science


 Matthew Cavalli, Ph.D., P.E.
 Associate Dean, College of Engineering and Applied Sciences