



Civil Engineering Program Agreement

Western Michigan University

Bachelor of Science in Engineering, Civil Engineering (B.S.E.)

Kalamazoo Valley Community College

Engineering, Associate of Science (A.S.)

Catalog Year 2023 - 2024

I. KALAMAZOO VALLEY COURSES for GENERAL EDUCATION/Michigan Transfer Agreement (MTA) (30 credits minimum) See attached Kalamazoo Valley MTA guide for specific courses from Kalamazoo Valley that will fulfill the MTA requirements				
Kalamazoo Valley Course	WMU (Western Essential Studies) Equivalent	Transfer Credit Hours		
English Composition – ENG 110 or ENG 160, and one of the following COM 113, COM 210, ENG 111, ENG, 112, ENG 127, ENG, 227, ENG 260	IEE 1020 and varies	6		
Humanities - 2 courses from different subject areas	Varies	6		
Mathematics – MATH 160	MATH 1220	5		
Science –CHM 120, PHY 221	CHEM 1100/10, PHYS 2050/60	9		
Social Sciences – 2 courses from different subject areas	Varies	6		
TOTAL KALAMAZOO VALLEY CREDIT HOURS		32 CREDIT HOURS		

II. KALAMAZOO VALLEY COURSES (32 credits)				
Kalamazoo Valley Course	WMU Equivalent	Transfer Credit Hours		
PSI 100, PSI 101, PSI 102, or PSI 126	PSCI 1000, PSCI 2000, PSCI 2020, or PSCI Credit	3		
WPE	varies	2		
EDMT 130	EDMM 1420	4		
GEO 110* (substitution for CIS 150)	GEOS 1300	4		
MATH 162	MATH 1230	4		
MATH 260	MATH 2720	5		
MATH 264** (substitution for CIS 207/209/216)	MATH 3740	4		
PHY 222	PHYS 2070/80	5		
TOTAL KALAMAZOO VALLEY SECTION II CREDIT HOURS		31 CREDIT HOURS		
TOTAL KALAMAZOO VALLEY CREDIT HOURS		63 CREDIT HOURS		

^{*} Kalamazoo Valley students should request a pre-approved substitution of GEO 110 for CIS 150 from their counselor or advisor.

^{**} Kalamazoo Valley students should request a pre-approved substitution of MATH 264 for CIS 207/209/216 from their counselor or advisor.

WMU Course	WMU Course Title	WMU Credit Hours		
CCE 1100	Intro to Engineering Practice	2		
CCE 2360	Geomatics	3		
IEE 2610	Engineering Statistics	3		
ME 2560	Statics	3		
CHEG 2611	Environmental Engineering	3		
ME 2580	Dynamics	3		
ME 2570	Mechanics of Materials	3		
CCE 3360	Soil Mechanics	3		
IEE 3100	Engineering Economy	3		
ME 3560	Fluid Mechanics	3		
CCE 3080	Civil and Construction Materials	3		
CCE 3300	Transportation Engineering	3		
CCE 3330	Construction Codes Specs and Contracts	3		
CCE 3860	Structural Analysis	3		
CCE 4300	Traffic Design	3		
CCE 4400	Intro to Structural Design	3		
CCE 4830	Project Design	1		
CCE 4561	Foundation Design	3		
CCE 4850 NP	Senior Project	3		
CCE Electives		15		
WES global Perspectives		3		
WMU Elective Credits to Reach 60				
Varies	Varies			
TOTAL CREDIT HOURS		72 CREDIT HOURS AT WMU		

TOTAL CREDITS (I –III)		
63 Kalamazoo Valley Credits		
72 WMU Credits		
135 Total Credits		
Minimum credits required for Kalamazoo Valley associate degree: 60	Minimum credits required at WMU: 72	Total required credits: 135

[†] Professional level courses that require acceptance into the WMU program

Advising Notes

Kalamazoo Valley Student Development Services 269-488-4440 <u>development@kvcc.edu</u>

WMU Academic Advisor 269-276-3270 <u>kyle.m.manninen@wmich.edu</u>

Program Agreement

This agreement shall commence as of November 6th, 2023. This program agreement shall abide by all language of the Institutional Agreement between Kalamazoo Valley Community College and Western Michigan University.

Signatures

Kalamazoo Valley Community College

Western Michigan University

Dr. Mark Dunneback, Dean of Instruction
Business & Technical Careers
Kalamazoo Valley Community College

Western Michigan University

GP WES level 3 courses satisfying Global Perspective

NP WES level 3 courses satisfying National Perspective

Civil Engineering Program Agreement (Catalog Year 2023 – 2024), Page 3

Dr. Paige Eagan Provost & Vice-President for Instruction & Student Services
Kalamazoo Valley Community College

Steve Butt, Dean, College of Engineering & Applied Sciences
Western Michigan University