

MUSKEGON COMMUNITY COLLEGE

This Transfer Guide is designed to provide a seamless transition between the Associate in Science and Arts (ASA) degree at Muskegon Community College and the Bachelor of Science in Civil Engineering degree at Baker College.

For additional information about Baker College's transfer process and available scholarships, go to <https://www.baker.edu/admissions-and-aid/transfer-students/>.

PROGRAM REQUIREMENTS:

TRANSFER CREDITS FROM MUSKEGON COMMUNITY COLLEGE

MCC Course No.	Course Title	Credit Hours
ENG 101/102	English Composition I/II	06
COURS	Ethics and Logic	03
COURS	Social Relationships	03
CULTURE	American Culture/ International Culture/ Western Culture	09
COURS	Aesthetic Values	03
COURS	Physical Education	02
MATH 161/162A/283	Calculus I/II/III	12
MATH 295	Differential Equations With Linear Algebra	04
CHEM100LEC & A	Fund. of Chemistry & Lab	05
PHY203/204 L&L	Engineering Physics	10
ENGR 105	Introduction to Engineering	04
CIS 120A	Introduction to CIS	03

TOTAL MUSKEGON CC CREDITS 64

BC Course No.	Course Title	Credit Hours
ENG 1010/1020	Composition I/II	06
MTH 2750	Statistical Methods	03
MTH 1510/2510	Calculus I/II	08
MTH 3510	Multivariable Calculus	04
MTH 3550	Differential Equations and Linear Algebra	04
SCI 2460	General Chemistry	04
SCI 2510	General Physics I/II	08
PSY 1010	General Psychology	03
SOC 3210	Cultural Diversity	03
HUM 4010	Philosophy of Ethics	03
SPK 2010	Oral Communication	03
EGR 1010A	Engineering Graphics	02
EGR 1050	Intro to Engineering/Design	02

TOTAL CREDITS TRANSFERRED TO BAKER COLLEGE FROM MUSKEGON COMMUNITY COLLEGE 50

COURSES TO BE COMPLETED WITH BAKER COLLEGE

Course No.	Course Title	Credit Hours
CE 2110	Surveying	02
CE 2510	Professional Practice	01
CE 2610	Introduction to Environmental Engineering	03
CE 3110	Traffic Engineering	03
CE 3210	Structural Analysis I	03
CE 3410	Soils Mechanics	04
CE 4220	Structural Analysis II	03
CE 4250	Reinforced Concrete Design	03
CE 4270	Steel Design	03
CE 4310	Water Resources Engineering	04
EGR 2710	Computing for Engineers	02
EGR 3210	Engineering Economy	02
EGR 4910	Engineering Project Management	03
EGR 4920	Senior Design Project	02
ME 2110	Materials Science	04
ME 2210	Statics	03
ME 2250	Dynamics	03
ME 3210	Solid Mechanics	03
ME 3220	Solid Mechanics and Vibrations Lab	01
ME 3410	Fluid Mechanics	03
MTH 2750	Statistical Methods	03
CE	Civil Engineering Technical Elective I	03
CE	Civil Engineering Technical Elective II	03
CE	Civil Engineering Elective III	03
WRK 3010	Work Experience	03

TOTAL CREDIT HOURS REMAINING AT BAKER COLLEGE 70

CIVIL ENGINEERING PROGRAM TOTAL 120

ARTICULATION AGREEMENT

This Transfer Guide is part of a formal Articulation Agreement between Baker College and Muskegon Community College. The complete, signed document is kept on file at both Muskegon Community College and Baker College.

Effective Date: January 1, 2018 - December 31, 2020