

MACOMB COMMUNITY COLLEGE TRANSFER GUIDE

COLLEGE OF ENGINEERING AND SCIENCE

ENGINEERING PROGRAMS

The following courses will transfer to Detroit Mercy's Engineering programs (Architectural, Civil, Electrical, Mechanical, or Robotics & Mechatronic Systems). Normally, students may transfer up to 63 credits. However, due to an Articulation Agreement, students may transfer additional MCC courses that apply toward a Detroit Mercy engineering degree (currently up to 64 Detroit Mercy credits-varies by program). Course grades must be a C or better. Additional courses not on this guide may also transfer.

Contact the Transfer Team if you have any questions: transferteam@udmercy.edu or 313-993-1940.

Courses which fulfill Detroit Mercy Core Curriculum Knowledge Area Requirements

Macomb Community College Courses	Detroit Mercy Equivalencies	Core
SPCH 1060 Speech Communication	CST 1010 Fundamentals of Speech	A1
ENGL 1190 or ENGL 1220	ENL 1310 Academic Writing	A2
Satisfied by program requirement	Quantitative and Symbolic Reasoning course	B1
Satisfied by program requirement	Statistical and Probabilistic Reasoning course	B2
Satisfied by program requirement	Physical Sciences course	C1
Satisfied by program requirement	Social Sciences course	C2
PHIL 2010 Introduction to Philosophy	PHL 1000 Introduction to Philosophy	D1
HUMN 1700, 2000, 2100	Choose 1 Religious Knowledge course	D2
HUMN 1700, 2000, 2100; PHIL 2120, 2200, 2400	Choose 1 PHL/RELS Elective course	D3
HIST 1500, 1600, 1700, 2100, 2200, 2520; INTL 2000	Choose 1 Historical Experiences course	E1
ENGL 1730, 2510, 2520, 2600, 2610, 2710, 2720, 2730, 2740, 2800, 2810, 2850	Choose 1 Literary Experiences course	E2
ARTT 1620, 1625, 2650, 2660; ENGL 2410; HUMN 1210, 1270, 1300, 1460, 1473, 1476; MACA 1025; MUSC 1030, 1040, 2710, 2720; Architectural Engineering: satisfied by program requirement	Choose 1 Aesthetic Experiences course	E3
ECON 1160 – due to an Articulation Agreement, ECON 1160 may be used as Core E1, E2 or E3 only by students who have completed an Associate degree or Certificate in Pre-Engineering at MCC.		
Satisfied by program requirement	Ethics course	F1

MTA Students only: Transfer students who satisfy the **Michigan Transfer Agreement** (MTA) will have the Core Curriculum Knowledge Area requirements met. Fulfilling the Core Integrating Themes is still necessary. Students should select courses that meet both the MTA and program specific requirements.

Courses which fulfill Detroit Mercy Core Curriculum Integrating Theme Requirements

Macomb Community College Courses	Detroit Mercy Equivalencies	Core
Satisfied by program requirements		IT1, IT2, IT3, IT5 & IT6
ENGL 2740 (also fulfills E2 as shown above); GEOG 2000; PSYC 2450, 2500, 2800; SPCH 2300	Choose 1 Human Difference course	IT4

These courses fulfill requirements for Detroit Mercy's Engineering Programs:

All Engineering Disciplines

Macomb Community College Courses			Detroit Mercy Equivalencies		
MATH	1760	Analytic Geometry & Calculus I	MTH	1410	Analytic Geometry & Calculus I
MATH	1770	Analytic Geometry & Calculus 2	MTH	1420	Analytic Geometry & Calculus II
MATH	2760	Analytic Geometry & Calculus 3	MTH	2410	Analytic Geometry & Calculus III
MATH	2770	Differential Equations	MTH	3720	Differential Equations w/Linear Algebra
PHYS	2220	Analytical Physics 1	PHY	1600/1610	General Physics I/Lab
PHYS	2230	Analytical Physics 2	PHY	1620/1630	General Physics II/Lab

Additional Courses for Architectural Engineering

Macomb Community College Courses			Detroit Mercy Equivalencies		
*ARTT	1060	Basic Drawing 1	ARCH	1110	Visual Communication I
DRCG	1140	Comp Graphics AND ENGR 1000 Intro to Engr	ARCH	2110 AND ENGR 1050	
CHEM	1170	General Chemistry I	CHM	1070/1100	General Chemistry I/Lab
* Only transferable for Detroit Mercy course listed if approved with portfolio review.					

Additional courses for Civil Engineering

Macomb Community College Courses			Detroit Mercy Equivalencies		
BIOL	1000, 1010, 1310	(or another approved biology course)	Choose 1 approved Biology course		
CHEM	1170	General Chemistry I	CHM	1070/1100	General Chemistry I/Lab
CIVL	1105	Elementary Surveying	CIVE	3400	Civil Engr Techniques: Surveying, CAD, GIS
DRCG	1140	Comp Graphics AND ENGR 1000 Intro Engr	ENGR	1050	Engineering Graphics & Design

Additional courses for Electrical Engineering

Macomb Community College Courses			Detroit Mercy Equivalencies		
ENGR	1000	Introduction to Engineering	ENGR	1080	Fundamentals of Engineering Design
CHEM	1170	General Chemistry I	CHM	1070/1100	General Chemistry I/Lab
ITCS	2530	C++ Programming 1	CSSE	1710/1711	Intro to Programming I/Lab
ITCS	2550	C++ Programming 2	CSSE	1720	Intro to Programming II

Additional courses for Mechanical Engineering

Macomb Community College Courses			Detroit Mercy Equivalencies		
CHEM	1050	Intro Chem OR CHEM 1170 Gen Chem I	CHM	1050	Intro Chem OR CHM 1070/1100
ENGR	1000	Introduction to Engineering	ENGR	1080	Fundamentals of Engineering Design
ITCS	2530	C++ Programming 1	CSSE	1710/1711	Intro to Programming I/Lab
MATH	2000	Intro Linear Algebra	MTH	3020	Linear Alg w/Apps (optional Tech Elective)

Additional courses for Robotics & Mechatronic Systems Engineering

Macomb Community College Courses			Detroit Mercy Equivalencies		
CHEM	1170	General Chemistry I	CHM	1070/1100	General Chemistry I/Lab
ENGR	1000	Introduction to Engineering	ENGR	1080	Fundamentals of Engineering Design
ITCS	2530	C++ Programming 1	CSSE	1710/1711	Intro to Programming I/Lab
ITCS	2550	C++ Programming 2	CSSE	1720	Intro to Programming II

Entrance Requirements:

- Minimum 2.5 overall GPA and 2.5 in math/science classes based on 24 or more credits earned at MCC (and/or other accredited institutions).
- Grade of "C" or better in Precalculus or higher
- If less than 24 credits have been earned, a student's high school transcript is required.
- Apply for admission to Detroit Mercy at udmercy.edu/admission/apply; the application is free.