MOTT COMMUNITY COLLEGE TRANSFER GUIDE
COLLEGE OF ENGINEERING AND SCIENCE
ENGINEERING PROGRAMS

The following courses will transfer into Detroit Mercy's Engineering programs (Architectural, Civil, Electrical, Mechanical, or Robotics & Mechatronic Systems). Students may transfer a maximum of 63 credits toward a degree; course grades must be 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

Mott Community College Courses	Detroit Mercy Equivalencies	Core
COMM 131 Fundamentals of Public Speaking	CST 1010 Fundamentals of Speech	A1
ENGL 102 English Composition II	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 101 Introduction to Philosophy	PHL 1000 Introduction to Philosophy	D1
ENGL 253; **PHIL** 165, 251	Choose 1 Religious Knowledge course	D2
ENGL 253; **PHIL** 103, 165, 190, 251, 297	Choose 1 PHL/RELS Elective course	D3
HIST 151, 152, 154, 155, 212, 213, 254, 255, 257, 261-266	Choose 1 Historical Experiences course	E1
ENGL 220, 221, 223, 225, 227, 231	Choose 1 Literary Experiences course	E2
ART 110, 113, 114, 116; **ENGL** 271; **FILM** 181; **MUS** 180, 182, 186, 187; **PHOT** 188; **THTR** 110, 120 Architectural Engineering: satisfied by program requirement	Choose 1 Aesthetic Experiences course	E3
Satisfied by program requirement	Ethics course	F1

Courses which fulfill Detroit Mercy Core Curriculum Integrating Theme Requirements

Mott Community College Courses	Detroit Mercy Equivalencies	Core
ENGL 223; **GEOG** 142; **PSYC** 283, 286, 291; **SOCY** 194	Choose 1 Human Difference course	IT4
Most of these may be fulfilled by program requirements or other Knowledge Area courses. See a Detroit Mercy advisor for a defined list of approved courses and more information.	Integrating Themes	IT1, IT2, IT3, IT5, IT6

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

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

Mott Community College Courses			Detroit Mercy Equivalencies		
All Engineering Disciplines			*All Engineering Disciplines*		
CHEM	131/131L	General Chemistry I and Lab	CHM	1070/1100	General Chemistry I/Lab
MATH	170	Analytic Geometry & Calculus I	MTH	1410	Analytic Geometry & Calculus I
MATH	180	Analytic Geometry & Calculus II	MTH	1420	Analytic Geometry & Calculus II
MATH	250	Multivariable Calculus	MTH	2410	Analytic Geometry & Calculus III
MATH	280	Differential Equations	MTH	3720	Differential Equations w/Linear Algebra
PHYS	287/287L	General Physics I and Lab	PHY	1600/1610	General Physics I/Lab
PHYS	288/288L	General Physics II and Lab	PHY	1620/1630	General Physics II/Lab
Additional Courses for Architectural Engineering			*Additional Courses for Architectural Engineering*		
*ART	131	Drawing	ARCH	1110	Visual Communication I
ENGR	242	Principles of Engineering Materials	ENGR	3170	Science of Materials
ENGR	247	Vector Mechanics I	ENGR	3120	Statics
ENGR	248	Mechanics of Deformable Solids	ENGR	3260	Mechanics of Materials
ENGR	249	Vector Mechanics II	ENGR	3130	Dynamics
* Only transferable for Detroit Mercy course listed if approved with portfolio review.					
Additional courses for Civil Engineering			*Additional courses for Civil Engineering*		
BIOL	107, 111, 120 *(or another approved Biology course)*		Choose 1 approved Biology Course		
ENGR	242	Principles of Engineering Materials	ENGR	3170	Science of Materials
ENGR	247	Vector Mechanics I	ENGR	3120	Statics
ENGR	248	Mechanics of Deformable Solids	ENGR	3260	Mechanics of Materials
ENGR	249	Vector Mechanics II	ENGR	3130	Dynamics
Additional courses for Electrical Engineering			*Additional courses for Electrical Engineering*		
COMS	171	Introduction to C++	CSSE	1712	Intro to Programming I
COMS	280	Advanced Programming in C++	CSSE	1722	Intro to Programming II
Additional courses for Mechanical Engineering			*Additional courses for Mechanical Engineering*		
COMS	171	Introduction to C++	CSSE	1712	Intro to Programming I
ENGR	242	Principles of Engineering Materials	ENGR	3170	Science of Materials
ENGR	247	Vector Mechanics I	ENGR	3120	Statics
ENGR	248	Mechanics of Deformable Solids	ENGR	3260	Mechanics of Materials
ENGR	249	Vector Mechanics II	ENGR	3130	Dynamics
Additional courses for Robotics & Mechatronic Systems Engineering			*Additional courses for Robotics & Mechatronic Systems Engineering*		
COMS	171	Introduction to C++	CSSE	1712	Intro to Programming I
COMS	280	Advanced Programming in C++	CSSE	1722	Intro to Programming II
ENGR	247	Vector Mechanics I	ENGR	3120	Statics
ENGR	248	Mechanics of Deformable Solids	ENGR	3260	Mechanics of Materials
ENGR	249	Vector Mechanics II	ENGR	3130	Dynamics

Entrance Requirements:
- Minimum 2.5 GPA based on 24 or more credits earned at Mott CC (and/or other accredited institutions).
- If less than 24 credits have been earned, a student's high school transcript is required.
- Apply for admission to Detroit Mercy at www.udmercy.edu/admission/apply; the application is free.