

# SCHOOLCRAFT 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 Bachelor's Degree; course grades must be a 2.0 or better. If admitted under the Schoolcraft-University of Detroit Mercy Articulation Agreement, students may transfer up to an additional 14 credits, for a total of 77 transferrable credits (varies by program). Additional courses not on this guide may also transfer.

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

#### Courses which fulfill Detroit Mercy Core Curriculum Knowledge Area Requirements

Schoolcraft College Courses	Detroit Mercy Equivalencies	Core
<b>COMA 103</b> Fundamentals of Speech	CST 1010 Fundamentals of Speech	A1
<b>ENG 102 or 221</b>	ENL 1310 Academic Writing	A2
Satisfied by program requirement	Quantitative/Symbolic Reasoning course	B1
Satisfied by program requirement	Statistical/Probabilistic Reasoning course	B2
Satisfied by program requirement	Physical Sciences course	C1
Satisfied by program requirement	Social Sciences course	C2
<b>PHIL 243</b> An Introduction to Philosophy	PHL 1000 Introduction to Philosophy	D1
<b>ANTH 211</b> Myth, Magic, World Religions	Religious Knowledge course	D2
<b>PHIL 265</b> Philosophy of Religion	2nd PHL/RELS Knowledge course	D3
<b>HIST 134, 137, 138, 151, 152, 153</b>	Choose 1 Historical Experiences course	E1
<b>ENG 243, 244, 245, 246, 248, 251, 252, 275</b>	Choose 1 Literary Experiences course	E2
<b>ART 113, 115, 116, 133, 134, 201, 216, 228, 246; CGT 161, 244; ENG 200, 205, 206; HUM 151, 152, 201, 202, 203, 204, 210, 215; MUSIC 105, 149, 155, 160, 164, 165; THEA 101, 210, 231, 232</b> <b>Architectural Engineering:</b> satisfied by program requirement	Choose 1 Aesthetic Experiences course	E3
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

Schoolcraft College Courses	Detroit Mercy Equivalencies	Core
Satisfied by program requirements		IT1, IT2, IT3, IT5 & IT6
PSYC 206, 229, 239 (some of these also fulfill a Knowledge Area requirement as shown above)	Choose 1 Human Difference course	IT4

#### Entrance Requirements:

- Minimum 2.5 GPA based on 24 or more credits earned at Schoolcraft (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 [udmercy.edu/admission/apply](http://udmercy.edu/admission/apply); the application is free.

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

**All Engineering Disciplines**

Schoolcraft College Courses			Detroit Mercy Equivalencies		
CHEM	111	General Chemistry 1	CHM	1070/1100	General Chemistry I/Lab
MATH	150	Calculus with Analytic Geometry 1	MTH	1410	Analytic Geometry & Calculus I
MATH	151	Calculus with Analytic Geometry 2	MTH	1420	Analytic Geometry & Calculus II
MATH	240	Calculus with Analytic Geometry 3	MTH	2410	Analytic Geometry & Calculus III
MATH	252	Differential Equations	MTH	3720	Differential Equations w/Linear Algebra
PHYS	211	Physics for Scientists & Engineers 1	PHY	1600/1610	General Physics I/Lab
PHYS	212	Physics for Scientists & Engineers 2	PHY	1620/1630	General Physics II/Lab

**Additional Courses for Architectural Engineering**

Schoolcraft College Courses			Detroit Mercy Equivalencies		
ENGR	201	Statics	ENGR	3120	Statics
ENGR	202	Mechanics of Materials	ENGR	3260	Mechanics of Materials
ENGR	203	Dynamics	ENGR	3130	Dynamics

**Additional courses for Civil Engineering**

Schoolcraft College Courses			Detroit Mercy Equivalencies		
BIOL 101, 120, 130 (or another approved Biology course)			Choose 1 approved Biology course		
ENGR	201	Statics	ENGR	3120	Statics
ENGR	202	Mechanics of Materials	ENGR	3260	Mechanics of Materials
ENGR	203	Dynamics	ENGR	3130	Dynamics

**Additional courses for Electrical Engineering**

Schoolcraft College Courses			Detroit Mercy Equivalencies		
CIS	211	Introduction to C++	CSSE	1712	Introduction to Programming I
CIS	221	Advanced C++	CSSE	1722	Introduction to Programming II
ENGR	100	Intro to Engineering & Technology	ENGR	1080	Fundamentals of Engineering Design
ENG	116	Technical Writing	ENL	3030	Technical Writing

**Additional courses for Mechanical Engineering**

Schoolcraft College Courses			Detroit Mercy Equivalencies		
CIS	211	Introduction to C++	CSSE	1712	Introduction to Programming I
ENGR	100	Intro to Engineering & Technology	ENGR	1080	Fundamentals of Engineering Design
ENGR	201	Statics	ENGR	3120	Statics
ENGR	202	Mechanics of Materials	ENGR	3260	Mechanics of Materials
ENGR	203	Dynamics	ENGR	3130	Dynamics

**Additional courses for Robotics & Mechatronic Systems Engineering**

Schoolcraft College Courses			Detroit Mercy Equivalencies		
CIS	211	Introduction to C++	CSSE	1712	Introduction to Programming I
CIS	221	Advanced C++	CSSE	1722	Introduction to Programming II
ENGR	100	Intro to Engineering & Technology	ENGR	1080	Fundamentals of Engineering Design
ENGR	201	Statics	ENGR	3120	Statics
ENGR	202	Mechanics of Materials	ENGR	3260	Mechanics of Materials
ENGR	203	Dynamics	ENGR	3130	Dynamics
ENG	116	Technical Writing	ENL	3030	Technical Writing