SCHOOLCRAFT COLLEGE TRANSFER GUIDE
COLLEGE OF ENGINEERING AND SCIENCE
ENGINEERING PROGRAMS – OLD CORE

The following courses will transfer into the University of Detroit Mercy 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 Schoolcraft courses that apply toward a Detroit Mercy engineering degree (currently up to 77 Detroit Mercy credits – varies by program).
Course grades must be a 2.0 or better. Additional courses not on this guide may also transfer.

This guide reflects the Old Core Curriculum effective prior to Fall 2017. Transfer students starting between Fall 2017 and Summer 2021 will have the option to select this Old Core or the New Core. See Transfer Guides indicating "NEW CORE" for the new requirements.

To arrange a campus visit, contact an Admissions Counselor at 313-993-1245 or admissions@udmercy.edu.
Detroit Mercy website: udmercy.edu

SCHOOLCRAFT COLLEGE COURSES			DETROIT MERCY EQUIVALENCIES			
Required Objective 1 courses:			**Communication Skills:**			
COMA	103	Fundamentals of Speech	CST	1010	Fundamentals of Speech	OB1
ENG	102	English Composition 2	ENL	1310	Academic Writing	OB1
Required Objective 2 and 3 courses:			**Math & Computer Skills/Scientific Literacy**			
Satisfied by program requirements						
Required Objective 4 courses:			**Meaning & Value:**			
PHIL	243	An Introduction to Philosophy	PHL	1000	Intro to Philosophy	OB4A
ANTH	211	Myth, Magic, World Religions	Choose 1 Religious Studies course			OB4B
PHIL	247 Logic **or** PHIL 277 Ethical Problems		Choose 1 additional Philosophy course			OB4C

Required Objective 5 courses: **Diverse Human Experience:**

All engineering disciplines select one OB5D course. Civil, Electrical, Mechanical, and Robotics & Mechatronic Systems Engineering students also select any two courses total from OB5A, OB5B and/or OB5C.

HIST 134, 137, 138, 151, 152, 153	Historical Experience courses	OB5A
ENG 243, 244, 245, 246, 248, 251, 252, 275	Literary Experience courses	OB5B
ART 115, 116, 201, 216; ENG 200; HUM 150, 201, 202, 203 204, 210, 215; MUSIC 105, 149, 155, 164, 165; THEA 101, 210	Aesthetic Experience courses	OB5C
ANTH 112, 117, 201, 214; ARB 101, 102, 201, 202; CHIN 101, 102; FR 101, 102, 201, 202; GEOG 133; GER 101, 102, 201, 202; ITAL 101, 102; POLS 207; PSYCH 206; SOC 210; SPAN 101, 102, 201, 202	Choose 1 Comparative Experience course	OB5D

ECON 201 –may be used as OB5 only for students completing an Associate in Engineering degree/following the Articulation Agreement.

Required Objective 6 courses:			**Social Responsibility:**			
PHL	277	Ethical Problems *(if not used for OB4C)*	Choose 1 Ethics course			OB6A
(ENGR 1000 at Detroit Mercy is recommended)						

MTA Students only:

Detroit Mercy participates in the **Michigan Transfer Agreement** (MTA). Most of Detroit Mercy's Core Curriculum (listed above) will be satisfied for students who complete the MTA. However, MTA students also need to complete the requirements below either as part of the MTA, beyond the MTA at another institution, or at Detroit Mercy.
ENL 1310 (OB1)-if 2nd English Comp class is not taken CST 1010 (OB1)-if Communications class is not taken
PHL 1000 (OB4A) Religious Studies (OB4B) Ethics (OB6A) OB6B-take at Detroit Mercy
A minimum of three OB5 courses must be completed (two of Arch Engr's OB5 requirements are specific courses taken at Detroit Mercy).
Students should select courses that meet both the MTA and program specific requirements.
For the Engineering programs, it may not necessarily be an advantage to complete the MTA.
Contact the Transfer Team if you have any questions: transferteam@udmercy.edu or 313-993-1940.

Based on the 2016-2017 Schoolcraft College catalog 10/11/2016

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

SCHOOLCRAFT COLLEGE COURSES	DETROIT MERCY EQUIVALENCIES

Math, Science, Engineering Courses

All Engineering disciplines:

CHEM 111 General Chemistry 1	CHM 1070/1100 General Chemistry I/Lab
MATH 150 Calculus with Analytic Geometry 1	MTH 1410 Analytical Geom and Calculus I
MATH 151 Calculus with Analytic Geometry 2	MTH 1420 Analytical Geom and Calculus II
MATH 240 Calculus with Analytic Geometry 3	MTH 2410 Analytical Geom and Calculus III
MATH 252 Differential Equations	MTH 3720 Differential Equ w/ Lin 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:

*ART 105 Basic Drawing	ARCH 1110 Visual Communication I
*ART 106 Bsc Design 1 **AND** *ART 109 3-Dim Design	ARCH 1100 Architectural Design I
* Only transferable for Detroit Mercy course listed if approved with portfolio review	
CAD 103 Engr Graphics **and** ENGR 100 Intro Engr	ENGR 1050 Engineering Graphics & 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 Civil Engineering:

BIOL 101, 120, 130 *(or another approved biology course)*	Choose 1 approved Biology course
CAD 103 Engr Graphics **and** ENGR 100 Intro Engr	ENGR 1050 Engineering Graphics & Design
CIS 211 Introduction to C++	CSSE 1712 Introduction to Programming I
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

Additional courses for Electrical Engineering:

CAD 103 Engineering Graphics	ENGR 1022 Engr Graphics & Computer Aided Design
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:

CAD 103 Engineering Graphics	ENGR 1022 Engr Graphics & Computer Aided Design
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:

CAD 103 Engineering Graphics	ENGR 1022 Engr Graphics & Computer Aided Design
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