



MOTT COMMUNITY 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]. Students may transfer a maximum of 63 credits toward a degree; course grades must be 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.
Website: udmercy.edu

MOTT COMMUNITY COLLEGE COURSES

Required Objective 1 courses:

COMM 131 Fundamentals of Public Speaking
ENGL 102 English Composition II

Required Objective 2 & 3 courses:

Satisfied by program requirements

Required Objective 4 courses:

PHIL 101 Introduction to Philosophy
PHIL 165, 251
PHIL 103, 165, 190, 251, 295, 297

Required Objective 5 courses:

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 151, 154, 155, 212, 213, 254, 255, 257, 259, 261-266

ENGL 220, 221, 223, 225, 227

ART 110-112, 116, 214, 215; ENGL 271; FILM 181;
MUS 180, 182, 186, 187, 271, 272; PHOT 188; THTR 110, 120

ANTH 200, 211; ARBC 111, 112; ART 243; ASL 101, 102, 111;
CHI 111, 112; COMM 220; FREN 151, 152, 251, 252;
GEOG 142, 147, 243; GERM 111, 112, 211, 212; HIST 152, 212,
257, 261-264; HONS 250; JAPA 111, 112, 211, 212; MUS 183;
PSCN 275; RUSN 111, 112, 185, 211, 212; SLIE 103, 204, 205;
SOCY 194; SPAN 160, 181, 182, 281, 282, 295, 298

Required Objective 6 course:

PHIL 295 Ethics (*if not used for OB4C*)
(ENGR 1000 at Detroit Mercy is preferred)

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.

DETROIT MERCY EQUIVALENCIES

Communication Skills:

CST 1010 Fundamentals of Speech OB1
ENL 1310 Academic Writing OB1

Mathematical & Computer Skills/Scientific Literacy

Meaning & Value:

PHL 1000 Intro to Philosophy OB4A
Choose 1 Religious Studies course OB4B
Choose 1 additional Philosophy course OB4C

Diverse Human Experience:

Historical Experience courses OB5A

Literary Experience courses OB5B

Aesthetic Experience courses OB5C

Choose 1 Comparative Experience course OB5D

Social Responsibility:

PHL 2010 Foundations of Ethics OB6A

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

MOTT COMMUNITY COLLEGE COURSES

Math, Science, Engineering Courses

All Engineering disciplines:

CHEM 131/131L General Chemistry I and Lab
MATH 170 Analytic Geometry & Calculus I
MATH 180 Analytic Geometry & Calculus II
MATH 250 Multivariable Calculus
MATH 280 Differential Equations
PHYS 287/287L General Physics I and Lab
PHYS 288/288L General Physics II and Lab

Additional courses for Architectural Engineering:

ART 111 **AND** ART 112 Art History Survey
*ART 131 Drawing
*ART 141 **AND** *ART 142 **AND** *ART 145
*BCON180 **AND** *BCON 181 Construction Fund/Const Matls
ENGR 242 Principles of Engineering Materials
ENGR 247 Vector Mechanics I
ENGR 248 Mechanics of Deformable Solids
ENGR 249 Vector Mechanics II

* Only transferable for Detroit Mercy courses listed if approved with **portfolio review**.

Additional courses for Civil Engineering:

BCON 164 Elementary Surveying II
BIOL 107, 111, 120, 125 (*or another approved Biology course*)
COMS 171 Introduction to C++
ENGR 242 Principles of Engineering Materials
ENGR 247 Vector Mechanics I
ENGR 248 Mechanics of Deformable Solids
ENGR 249 Vector Mechanics II

Additional courses for Electrical Engineering:

COMS 171 Introduction to C++
COMS 280 Advanced Programming in C++

Additional courses for Mechanical Engineering:

COMS 171 Introduction to C++
ENGR 242 Principles of Engineering Materials
ENGR 247 Vector Mechanics I
ENGR 248 Mechanics of Deformable Solids
ENGR 249 Vector Mechanics II

Additional courses for Robotics & Mechatronic Systems Engineering:

COMS 171 Introduction to C++
COMS 280 Advanced Programming in C++
ENGR 247 Vector Mechanics I
ENGR 248 Mechanics of Deformable Solids
ENGR 249 Vector Mechanics II

DETROIT MERCY EQUIVALENCIES

CHM 1070/1100 General Chemistry I/Lab
MTH 1410 Analytic Geometry & Calculus I
MTH 1420 Analytic Geometry & Calculus II
MTH 2410 Analytic Geometry & Calculus III
MTH 3720 Differential Equ w/Linear Algebra
PHY 1600/1610 General Physics I/Lab
PHY 1620/1630 General Physics II/Lab

ARCH 2120 **AND** ARCH 2220 Arch Hist/Thry I & II
ARCH 1110 Visual Communication I
ARCH 1100 **AND** ARCH 1200 Arch Design I & II
ARCH 2150 Construction I
ENGR 3170 Science of Materials
ENGR 3120 Statics
ENGR 3260 Mechanics of Materials
ENGR 3130 Dynamics

CIVE 3400/3410 Civil Engr Tech:Survey,CAD,GIS/Lab
Choose 1 approved Biology Course
CSSE 1712 Intro to Programming I
ENGR 3170 Science of Materials
ENGR 3120 Statics
ENGR 3260 Mechanics of Materials
ENGR 3130 Dynamics

CSSE 1712 Intro to Programming I
CSSE 1722 Intro to Programming II

CSSE 1712 Intro to Programming I
ENGR 3170 Science of Materials
ENGR 3120 Statics
ENGR 3260 Mechanics of Materials
ENGR 3130 Dynamics

CSSE 1712 Intro to Programming I
CSSE 1722 Intro to Programming II
ENGR 3120 Statics
ENGR 3260 Mechanics of Materials
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 udmercy.edu/apply; the application is free.

If you have any questions regarding Mott CC courses and how they transfer to Detroit Mercy, contact the Transfer Team at 313-993-1940 or transferteam@udmercy.edu.