The following courses will transfer into the University of Detroit Mercy Engineering programs [Architectural, Civil, Electrical, Mechanical, or Robotics and Mechatronic Systems]. Normally, students may transfer up to 63 credits. However, due to an Articulation Agreement, students may transfer additional HFC courses that apply toward a Detroit Mercy engineering degree (currently up to 76 Detroit Mercy credits - varies by program). Course grades must be a C/2.0 or better. Additional courses not on this guide may also transfer.

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

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.

**HENRY FORD COLLEGE COURSES**

**Required Objective 1 courses:**
- SPC 131 Fundamentals of Speaking
- ENG 132 College Writing and Research

**Required Objective 2 and 3 courses:**
*Satisfied by program requirements*

**Required Objective 4 courses:**
- PHIL 130 Intro to Philosophy
- WR 130, 131, 232-242, 280
- PHIL 131, 133, 135, 137-139, 201; WR 130, 131, 232-242, 280

**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 111, 112, 151, 152, 239, 243, 261, 283, 285, 286
- ART 121, 122, 123, 130, 135, 221, 224-227, 290; HUM 101;
- MUS 130, 132, 133, 232, 233; TCM 132, 235; THEA 131, 132, 238
- ANTH 131, 151, 152; ARA 130, 131, 132, 141, 231 232, 290;
- CHN 130, 131, 132, 141, 290; ENG 243; FRE 131, 132, 141, 231, 232, 290; GEOG 132; GER 131, 132, 141, 231, 232, 290;
- HIST 113, 252; ITAL 131, 132, 141, 290; PSY 161; SOC 251;
- SPN 131, 132, 141, 231, 232, 290
- BEC 133, 151, 152 - ONE BEC may be used as OB5 only for students completing an Associate in Science degree/Pre-Engineering and following the Articulation Agreement

**Required Objective 6 course:**
- PHIL 139 Ethics *(if not used for OB4C)*
  *(ENGR 1000 at Detroit Mercy is recommended)*

**DETROIT MERCY EQUIVALENCIES**

**Communication Skills:**
- CST 1010 Fundamentals of Speech OB1
- ENL 1310 Academic Writing OB1

**Math & Computer Skills/Scientific Literacy**

**Meaning & Value:**
- PHIL 1000 Intro to Philosophy OB4A
- Choose 1 Religious Studies Course OB4B
- Choose 1 add'l Phil/Relig Studies course OB4C

**Diverse Human Experience:**

- Choose 1 Comparative Exp course OB5D

**Social Responsibility:**
- PHL 2010 Foundations of Ethics OB6A

**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 not taken**
- CST 1010 (OB1)-if Communications class 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 Credit Team if you have any questions: transferteam@udmercy.edu or 313-993-1940.

HENRY FORD COLLEGE COURSES
Math, Science, Engineering Courses

All Engineering disciplines:
CHEM 141  Princ of Gen & Inorganic Chemistry I   CHM  1070/1100 General Chemistry I/Lab
MATH 180  Calculus I                                  MTH  1410  Analytic Geom & Calculus I
MATH 183  Calculus II                                MTH  1420  Analytic Geom & Calculus II
MATH 280  Calculus III                               MTH  2410  Analytic Geom & Calculus III
MATH 289  Differential Equations                      MTH  3720  Differential Equ w/Lin Algebra
PHYS 231  Engineering Physics I                       PHY  1600/1610 General Physics I/Lab
PHYS 232  Engineering Physics II                      PHY  1620/1630 General Physics II/Lab

Additional courses for Architectural Engineering:
*ART 102  Drawing I                                 ARCH 1110 Visual Communication I
ACT 101  Fundamentals of Architecture               ARCH 1190 Intro Architecture I AND
ACT 116  Basic Architectural CAD AND                ARCH 1210 Intro Architecture II (not req'd by program)
ACT 136  Intermediate Architectural CAD              ARCH 2110 Visual Communication III (prev: ARCH 1160)
ACT 228  Visual Communications 2                    ARCH 1211 Visual Communication II (prev: ARCH 2160)
ACT 124  Construction Systems I AND                  ARCH 2150 Construction I
ACT 211  Commercial Construction Systems             ENGR 1000 Ethics Engr AND ENGR 1050 Engr Grph/Dsgn
DRAF 120  Intro CAD AND ENGR 130 Intro Engr          ENGR 3170 Science of Materials
ENGR 201  Science of Materials                        ENGR 3120 Statics
ENGR 232  Statics                                     ENGR 3130 Dynamics
ENGR 233  Dynamics                                   ENGR 3130 Dynamics
* Only transferable for Detroit Mercy course listed if approved with portfolio review.

Additional courses for Civil Engineering:
BIO 131, 138, 150, 152  (or another approved biology course)  Choose 1 approved Biology course
CIS 170  C Programming                                CSSE Elective – fulfills programming requirement
DRAF 120  Intro CAD AND ENGR 130 Intro Engr          ENGR 1000 Ethics Engr AND ENGR 1050 Engr Grph/Dsgn
ENGR 201  Science of Materials                        ENGR 3170 Science of Materials
ENGR 232  Statics                                     ENGR 3120 Statics
ENGR 233  Dynamics                                   ENGR 3130 Dynamics
ENG 135  Bus & Tech Writing & Research               ENL  3030 Technical Writing

Additional courses for Electrical Engineering
CIS 170  AND CIS 230  C Prog/C++ Programming          CSSE 1712 AND CSSE 1722 Intro Programming I & II
ENGR 130  Introduction to Engineering                ENGR 1080 Fundamentals of Engineering Design
ENG 135  Bus & Tech Writing & Research               ENL  3030 Technical Writing

Additional courses for Mechanical Engineering
CIS 170  AND CIS 230  C Prog/C++ Programming          CSSE Elective – fulfills programming requirement
ENGR 130  Introduction to Engineering                ENGR 1080 Fundamentals of Engineering Design
ENGR 201  Science of Materials                        ENGR 3170 Science of Materials
ENGR 232  Statics                                     ENGR 3120 Statics
ENGR 233  Dynamics                                   ENGR 3130 Dynamics
ENG 135  Bus & Tech Writing & Research               ENL  3030 Technical Writing

Additional courses for Robotics & Mechatronic Systems Engineering
CIS 170  AND CIS 230  C Prog/C++ Programming          CSSE 1712 AND CSSE 1722 Intro Programming I & II
ENGR 130  Introduction to Engineering                ENGR 1080 Fundamentals of Engineering Design
ENGR 232  Statics                                     ENGR 3120 Statics
ENGR 233  Dynamics                                   ENGR 3130 Dynamics
ENG 135  Bus & Tech Writing & Research               ENL  3030 Technical Writing

ENTRANCE REQUIREMENTS
• Minimum 2.5 GPA based on 24 or more credits earned at HFC (and/or other 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.