The following courses will transfer into the University of Detroit Mercy Engineering programs [Architectural, Civil, Electrical/Computer, Mechanical, or Robotics & Mechatronic Systems]. Normally, students may transfer up to 63 credits. However, due to an Articulation Agreement, students may transfer additional Delta courses that apply toward a UDM engineering degree (currently up to 84 UDM credits-varies by program). Course grades must be a C 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.

UDM website: udmercy.edu

**DELTA COLLEGE COURSES**

**Required Objective 1 courses:**
- COM 112W Fundamentals of Oral Communication
- ENG 112 College Composition II

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

**Required Objective 4 courses:**
- PHL 211W Introduction to Philosophy
- ENG 245W, 246W; IHU 234W, 245W; PHL 214W; SSI 234W

**Required Objective 5 courses:**
- All engineering disciplines select one OB5D course. Civil, Electrical/Computer, Mechanical, and Robotics & Mechatronic Systems Engineering students also select any two courses total from OB5A, OB5B, and/or OB5C. Additional courses not listed may also transfer.

**Required Objective 6 courses:**
- HIS 237 or POL 104W may be used for OB5 only for students completing the Associate in Science degree
- ART 105, 151W, 152W, 251W, 255W, 256W;
- COM 215W, 222; ENG 226W, 227W; IHU 101, 226;
- MUS 111, 112, 118, 119, 120; PHL 255W
- ASL 111, 112, 200W, 211, 212; COM 245W; ENG 285W;
- FR 111-214; GE 111-212; GEO 113W, 255W; POL 221W, 222;
- SOC 231W, 265W; SPA 111-212, 275

**Required Objective 7 courses:**
- EGR 100 and PHL 207W (recommended)
- or choose one: PHL 203W, 213W, 215W, 230

**UDM EQUIVALENCIES**

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

**Math & Computer Skills/Scientific Literacy:**
- Meaning & Value:
  - PHL 1000 Intro to Philosophy OB4A
  - Choose 1 Religious Studies course OB4B
  - Choose 1 add'l Phil/Relig Studies course OB4C

**Diverse Human Experience:**
- Historical experience courses OB5A
- Literary experience courses OB5B
- Aesthetic experience courses OB5C
- Choose 1 Comparative Experience course OB5D

**Ethics courses:**
- ENGR 1000 Ethics & Politics of Engr OB6A
- or Choose 1 Ethics course

**MTA Students only:**
UDM participates in the Michigan Transfer Agreement (MTA). Most of UDM’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 UDM.

- 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 UDM

A minimum of three OB5 courses must be completed (two of Arch Engr's OB5 requirements are specific courses taken at UDM).

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: registrar@udmercy.edu or 313-993-1940.

Based on the 2015-2016 Delta College catalog

4/1/2016
DELTA COLLEGE COURSES

All Engineering disciplines:

CHM 111 General and Inorganic Chemistry I
MTH 161 Analytic Geometry and Calculus I
MTH 162 Analytic Geometry and Calculus II
MTH 261 Analytic Geometry and Calculus III
MTH 264 Intro to Ordinary Differential Equations
PHY 211 Physics I
PHY 212 Physics II
EGR 101 Engr Dsgn/Anlys AND (EGR 165 or EGR 166)

UDM EQUIVALENCIES

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

Additional courses for Architectural Engineering:

ARC 101 Matsl/Meth Constr AND ARC 211Struct Dsgn
ARC 111 Mechanical/Electrical Systems for Buildings
ARC 214 Architectural AutoCAD 3D Basics
ARC 221 Site Preparation
*ART 111 Drawing I
ART 251W Architectural History

BIO 110W, 111W, 171, 172W; CHM 112, MTH 263 (or other approved course)
Choose 1 approved Science or Math course
EGR 215 Engineering Mechanics: Statics
EGR 216 Engineering Mechanics: Dynamics
MT 221W or EGR 221 Engineering Materials
EGR 235 Circuit Analysis
EGR 320 Mechanics of Materials

* Only transferable for UDM course listed if approved with portfolio review

Additional courses for Civil Engineering:

BIO 110W, 111W, 171, 172W (or other approved biology course)
Choose 1 approved Biology course
CST 180 C++ Programming
EGR 215 Engineering Mechanics: Statics
EGR 216 Engineering Mechanics: Dynamics
MT 221W or EGR 221 Engineering Materials
EGR 320 Mechanics of Materials
ENG 113 Technical Communication

Additional courses for Electrical/Computer Engineering:

CST 180 C++ Programming
EGR 235 Circuit Analysis
ENG 113 Technical Communication

Additional courses for Mechanical Engineering:

CST 180 C++ Programming
EGR 215 Engineering Mechanics: Statics
EGR 216 Engineering Mechanics: Dynamics
MT 221W or EGR 221 Engineering Materials
EGR 235 Circuit Analysis
EGR 320 Mechanics of Materials
ENG 113 Technical Communication

Additional courses for Robotics & Mechatronic Systems Engineering:

CST 180 C++ Programming
EGR 215 Engineering Mechanics: Statics
EGR 216 Engineering Mechanics: Dynamics
EGR 235 Circuit Analysis
EGR 320 Mechanics of Materials
ENG 113 Technical Communication

Additional courses for Robotics & Mechatronic Systems Engineering:

CST 180 C++ Programming
EGR 215 Engineering Mechanics: Statics
EGR 216 Engineering Mechanics: Dynamics
EGR 235 Circuit Analysis
EGR 320 Mechanics of Materials
ENG 113 Technical Communication

ENTRANCE REQUIREMENTS

• Minimum 2.5 GPA based on 24 or more credits earned at Delta (and/or other institutions).
• If less than 24 credits have been earned, a student’s high school transcript is required.

Based on the 2015-2016 Delta College catalog

4/1/2016