DELTA COLLEGE TRANSFER GUIDE
COLLEGE OF ENGINEERING AND SCIENCE
ENGINEERING PROGRAMS

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			UDM EQUIVALENCIES			
Required Objective 1 courses:			**Communication Skills:**			
COM	112W	Fundamentals of Oral Communication	CST	1010	Fund of Speech	OB1
ENG	112	College Composition II	ENL	1310	Academic Writing	OB1
Required Objective 2 and 3 courses: *Satisfied by program requirements*			**Math & Computer Skills/Scientific Literacy**			
Required Objective 4 courses:			**Meaning & Value:**			
PHL	211W	Introduction to Philosophy	PHL	1000	Intro to Philosophy	OB4A
ENG 245W, 246W; IHU 234W, 245W; PHL 214W; SSI 234W			Choose 1 Religious Studies course			OB4B
ENG 245W, 246W; IHU 234W, 245W; PHL 203W, 205W, 213W, 214W, 221, 225W, 240W, 250, 255W; SSI 234W			Choose 1 add'l Phil/Relig Studies course			OB4C

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

HIS 111W, 112W, 215W, 221W, 222W, 240W *HIS 237 or POL 104W may be used for OB5 only for students completing the Associate in Science degree*	Historical Experience courses	OB5A
ENG 220W-223W, 228W, 229W, 241W, 242W, 277W, 278W	Literary Experience courses	OB5B
ART 105, 151W, 152W, 251W, 255W, 256W; COM 215W, 222; ENG 226W, 227W; IHU 101, 226; MUS 111, 112, 118, 119, 120; PHL 255W	Aesthetic Experience courses	OB5C
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	Choose 1 Comparative Experience course	OB5D

Required Objective 6 courses:	Ethics courses	OB6A
EGR 100 **and** PHL 207W (recommended) or choose one: PHL 203W, 213W, 215W, 230	ENGR 1000 Ethics & Politics of Engr 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			UDM EQUIVALENCIES		
All Engineering disciplines:					
CHM	111	General and Inorganic Chemistry I	CHM	1070/1100	General Chemistry I/ Lab
MTH	161	Analytic Geometry and Calculus I	MTH	1410	Analytic Geom & Calculus I
MTH	162	Analytic Geometry and Calculus II	MTH	1420	Analytic Geom & Calculus II
MTH	261	Analytic Geometry and Calculus III	MTH	2410	Analytic Geom & Calculus III
MTH	264	Intro to Ordinary Differential Equations	MTH	3720	Differential Equ w/Linear Algebra
PHY	211	Physics I	PHY	1600/1610	General Physics I/Lab
PHY	212	Physics II	PHY	1620/1630	General Physics II/Lab
EGR	101	Engr Dsgn/Anlys **AND (**EGR 165 **or** EGR 166)	ENGR	1022	**OR** ENGR 1050
Additional courses for Architectural Engineering:					
ARC	101	Matls/Meth Constr **AND** ARC 211Struct Dsgn	ARCH	2130	Principles of Structural Behavior
ARC	111	Mechanical/Electrical Systems for Buildings	ARCH	2340	Environmental Technology I
ARC	214	Architectural AutoCAD 3D Basics	ARCH	1160	Intro to Computer Graphics
ARC	221	Site Preparation	ARCH	2190	Introduction to Architecture III
*ART	111	Drawing I	ARCH	1110	Visual Communication I
ART	251W	Architectural History	ARCH	2120	Architectural History & Theory I
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	ENGR	3120	Statics
EGR	216	Engineering Mechanics: Dynamics	ENGR	3130	Dynamics
MT	221W	or EGR 221 Engineering Materials	ENGR	3170	Science of Materials
EGR	235	Circuit Analysis	Fulfills req't of ENGR 3200 Princ of Electrical Engr		
EGR	320	Mechanics of Materials	ENGR	3260	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	CSSE	1712	Introduction to Programming I
EGR	215	Engineering Mechanics: Statics	ENGR	3120	Statics
EGR	216	Engineering Mechanics: Dynamics	ENGR	3130	Dynamics
MT	221W	or EGR 221 Engineering Materials	ENGR	3170	Science of Materials
EGR	320	Mechanics of Materials	ENGR	3260	Mechanics of Materials
ENG	113	Technical Communication	ENL	3030	Technical Writing
Additional courses for Electrical/Computer Engineering:					
CST	180	C++ Programming	CSSE	1712	Introduction to Programming I
EGR	235	Circuit Analysis	ENGR	2500/2510	Fund Elect & Comp Engr I/Lab
ENG	113	Technical Communication	ENL	3030	Technical Writing
Additional courses for Mechanical Engineering:					
CST	180	C++ Programming	CSSE	1712	Introduction to Programming I
EGR	215	Engineering Mechanics: Statics	ENGR	3120	Statics
EGR	216	Engineering Mechanics: Dynamics	ENGR	3130	Dynamics
MT	221W	or EGR 221 Engineering Materials	ENGR	3170	Science of Materials
EGR	235	Circuit Analysis	Fulfills req't of ENGR 3200/3210 Prin of Elect Engr		
EGR	320	Mechanics of Materials	ENGR	3260	Mechanics of Materials
ENG	113	Technical Communication	ENL	3030	Technical Writing
Additional courses for Robotics & Mechatronic Systems Engineering:					
CST	180	C++ Programming	CSSE	1712	Introduction to Programming I
EGR	215	Engineering Mechanics: Statics	ENGR	3120	Statics
EGR	216	Engineering Mechanics: Dynamics	ENGR	3130	Dynamics
EGR	235	Circuit Analysis	ENGR	2500/2510	Fund Elect & Comp Engr I/Lab
EGR	320	Mechanics of Materials	ENGR	3260	Mechanics of Materials
ENG	113	Technical Communication	ENL	3030	Technical Writing

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.