



KELLOGG COMMUNITY COLLEGE EQUIVALENCY GUIDE

COLLEGE OF ENGINEERING AND SCIENCE

ENGINEERING PROGRAMS

Entrance Requirements: 2.5 GPA based on at least 24 semester hours of credit. If less than 24 credits have been taken, high school transcripts are required.

The following courses will transfer into a University of Detroit Mercy Engineering program [Civil/Environmental, Electrical/Computer, Manufacturing, or Mechanical]. Students may transfer a maximum of 63 credits. According to transfer policy, additional courses not on this guide may also be transferable.

To arrange a campus visit, contact an Admissions Counselor at 313-993-1245, 800-635-5020 or admissions@udmercy.edu. In order to determine when you may begin the cooperative education program, contact Carolyn Rimle at 313-993-1530 or rimlec@udmercy.edu as soon as possible.

UDM website: www.udmercy.edu

KELLOGG COMMUNITY COLLEGE COURSES

UDM EQUIVALENCIES

Math, Science, and Engineering Courses:

CHEM 110	General Chemistry I
CHEM 111	General Chemistry II ¹
CP 101	C++ Programming I
MATH 141	Calculus I
MATH 142	Calculus II
MATH 241	Calculus III
MATH 242	Differential Equations and Linear Algebra
PHYS 201	General Physics I
PHYS 202	General Physics II
PHYS 241	Statics ¹

CHM 107/110	General Chemistry I/ Lab I
CHM 108/112	General Chemistry II/ Lab II
E 204	Intro to Engr Computing
MTH 141	Analytic Geom & Calculus I
MTH 142	Analytic Geom & Calculus II
MTH 241	Analytic Geom & Calculus III
MTH 372	Differential Eq w/Linear Alg
PHY 160/161	General Physics I/ Lab I
PHY 162/163	General Physics II/ Lab II
E 312	Statics

Core Curriculum Courses:

ENGL 152	Freshman Composition
COMM 207	Public Speaking
PHIL 201	Introduction to Philosophy
PHIL 230 or HIST 106	(if 3+ credits)
PHIL 202, 230, 250; HIST 106	(if 3+ credits)
ENGL 153	Technical English

ENL 131	Academic Writing (Obj 1)
CST 101	Fund of Speech (Obj 1)
PHL 100	Intro to Philosophy (Obj 4)
Choose 1 Religious Studies course	(Obj 4)
Choose 1 add'l Phil or Relig Studies	(Obj 4)
ENL 303	Technical Writing

¹ Not required by the Electrical/Computer Engineering program. Note: CHEM 111 or *another science course* may be used to fulfill the requirement for Mechanical and Manufacturing Engineering – consult with UDM advisor.

Core Curriculum continued

UDM's Objective 5 - Select up to **three courses** from the following list. One course must address "comparative experiences" or come from a foreign language department. Contact UDM Transfer Director, Carolyn Rimple, at 313-993-1530 or rimlec@udmercy.edu for exceptions or clarifications to this list.

Kellogg Community College courses:

Anthropology: ANTH 200

Art: ART 211, 212, 213

History: HIST 103, 104, 151-240

Humanities: HUMA 205

Literature: LITE 105-212, 216-240

Music: MUSI 211, 250, 251

Political Science: POSC 210

Theatre: THEA 121, 122

Foreign Language (only one course may be used to fulfill the OBJ 5 requirement)

UDM HIGHLIGHTS

Great Reputation - For the seventh consecutive year, University of Detroit Mercy is listed in the top tier of Midwestern Master's Universities in the 2008 edition of the *U.S. News and World Report's* "America's Best Colleges." In the magazine's "Great Schools, Great Prices" listing, UDM ranked third in its category. According to *U.S. News*, this ranking highlights the best financial value as it relates to a school's academic quality. Also, UDM engineering programs are accredited by ABET.

UDM is affordable! Nearly 80% of UDM students receive financial aid and/or scholarships. Combining co-op income and potential scholarships and financial aid, you may have little out-of-pocket expenses. To determine if you qualify for any of UDM's transfer scholarships (including full tuition grants), contact the Admissions office at 800-635-5020, 313-993-1245 or admissions@udmercy.edu.

Co-op Leader – For all engineering students at UDM, co-op integrates real engineering practice with a rigorous on-campus education that includes computing and laboratory intensive components. UDM has one of the few four-year engineering programs in the country where all students obtain one full year of experience prior to graduation. Besides valuable experience, students earn an average of nearly \$30,000 during their three co-op rotations. This provides a significant amount of income for tuition. Previous engineering related work experience can be considered for transfer credits.

Get a Job! - 100% of UDM graduating engineering students in August 2007 either had a job offer or had been accepted to graduate school on their graduation day.

Excellent Faculty – UDM's small classes are taught by experienced professors (not teaching assistants) who help foster a positive learning environment. Engineering faculty conduct research, receive grant money for lab equipment and curriculum development, work in industry, and win national teaching awards.

Campus Activities – To gain professional, technical and social connections, we highly encourage participation in at least one of the many Engineering and Science organizations or University clubs.

Location - UDM, located in a residential area of Northwest Detroit, is easily accessible from many major freeways and is close to numerous corporations, including many companies' headquarters. The Metro Detroit area is also home to many sports teams, cultural activities and entertainment. We invite you to visit!