



KALAMAZOO VALLEY 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

KALAMAZOO VALLEY
COMMUNITY COLLEGE COURSES

Math, Science, Engineering Courses:

CHM 120	General Chemistry I
CHM 130	General Chemistry II ¹
MATH 130	Introduction to Computers
MATH 160	Calculus 1 and Analytic Geometry
MATH 162	Calculus 2 and Analytic Geometry
MATH 260	Calculus 3 and Analytic Geometry
MATH 264	Differential Equations/ Linear Algebra
PHY 221	Engineering Physics I
PHY 222	Engineering Physics II

UDM EQUIVALENCIES

CHM 107/110	General Chemistry I/ Lab
CHM 108/112	General Chemistry II/ Lab
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	Diff Equ w/Linear Algebra
PHY 160/161	General Physics I/ Lab
PHY 162/163	General Physics II/ Lab

Core Curriculum Courses:

ENG 111	College Writing II: Literature
ENG 127	Technical Writing
COM 101	Public Speaking
PHI 201	Introduction/ Philosophy
HUM 207; PHI 209-211	
HUM 207; PHI 100, 203-211	

ENL 131	Academic Writing (Obj 1)
ENL 303	Technical Writing
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)

¹ Not required by Electrical/Computer Engineering program. This 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 Rimle, at 313-993-1530 or rimlec@udmercy.edu for exceptions or clarifications to this list.

Kalamazoo Valley Community College courses:

Art: ART 170, 220, 221

Communication: COM 223

English: ENG 201-207, 215-219, 230

Foreign Language: FRL 101-108, 201-206; 130 & 131 may be taken together to fulfill the requirement of one course, 134 & 135 may be taken together to fulfill the requirement of one course

History: HRY 100-240

Humanities: HUM 101, 130, 200, 205, 208, 210, 225

Music: MUS 101, 102

Political Science: PSI 202

Sociology: SOC 201

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!