



UNIVERSITY OF ILLINOIS AT CHICAGO

TRANSFER REQUIREMENTS GUIDE FOR: MORAINE VALLEY COMMUNITY COLLEGE

COLLEGE OF ENGINEERING ADMISSIONS GUIDELINES

In all transferable coursework, applicants must earn a minimum cumulative grade point average of 2.50/4.00 for Illinois residents (2.75/4.00 for non-residents) in each of two categories: overall and technical (Math, Science, and Engineering courses). **The recommended science and math coursework for most majors includes CHEM 112, PHYS 141, PHYS 142; MATH 180, MATH 181, MATH 210, MATH 220. Computer Science applicants have additional science choices: Bios 100, Bios 101, Chem 116, Eaes 101, Eaes 102.** Courses in which grades of “D” are earned will not be applied toward the degree. Students must earn the final 60 semester hours at a baccalaureate degree granting institution. Based on the UIC 2007-2009 catalog, this guide is valid for students who enroll through Summer 2009. UIC reserves the right to change the curriculum at any time. The College of Engineering can be reached at (312) 996-3463.

REQUIRED COURSES IN THE MAJOR

Each major in the College of Engineering has different graduation requirements. **LOCATE THE COLUMN WHICH HAS YOUR DESIRED MAJOR; FOLLOW IT STRAIGHT DOWN.**

R = Recommended before admission

X = Applies toward degree

R# = CS course recommended before admission; 12 hours of lab sciences with one 2-course lab sequence selected from Biology, Chemistry or Physics

UIC Course	Moraine Valley Course	Moraine Valley Course Title	Bioengineering	Chemical Engineering	Civil Engineering	Computer Engineering	Computer Science		Electrical Engineering	Engineering Management	Engineering Physics	Industrial Engineering	Mechanical Engineering
							CS	CSO					
ACTG 110	BUS 142	Financial Accounting								X			
ACTG 111	BUS 143	Managerial Accounting								X			
BIOS 100	BIO 111	General Biology I	X				R#						
BIOS 101	BIO 112	General Biology II					R#						
CME 201	EGN 201	Engineering Statics	X		X					X	X	X	X
CHEM 112	CHM 131	Chemistry (University–Oriented) I	R	R	R	R	R#		R	R	R	R	R
CHEM 114	CHM 132	Chemistry (University-Oriented) II	X	X			R#						
CHEM 232, 233	CHM 203	Organic Chemistry I		X									
CHEM 234	CHM 204	Organic Chemistry II		X									
EAES 101	GEL 150	Physical Geology					R#						
EAES 102	GEL 151	Historical Geology					R#						
ECON 120	ECO 102	Principles of Microeconomics								X			
ECON 121	ECO 101	Principles of Macroeconomics								X			
CS 108	CSC 206	FORTRAN Programming	X	X	X					X	X	X	X
ENGL 160	COM 101	Composition I	R	R	R	R	R	R	R	R	R	R	R
ENGL 161	COM 102	Composition II	R	R	R	R	R	R	R	R	R	R	R
MATH 180	MTH 150	Calculus I / Analytic Geometry	R	R	R	R	R	R	R	R	R	R	R
MATH 181	MTH 151	Calculus II / Analytic Geometry	R	R	R	R	R	R	R	R	R	R	R
MATH 210	MTH 152	Calculus III / Analytic Geometry	R	R	R	R	X	X	R	R	R	R	R
MATH 220	MTH 201	Differential Equations	R	R	R	R	X	X	R		R	R	R
ME 250	EGN 150	Engineering Graphics			X							X	X
ME 210	EGN 202	Engineering Dynamics			X							X	X
PHYS 141	PHY 203	Mechanics	R	R	R	R	R#	R	R	R	R	R	R
PHYS 142	PHY 204	Heat, Electricity, & Magnetism	R	R	R	R	R#	X	R	R	R	R	R
PHYS 244	PHY 205	Waves & Modern Physics	X								X	X	X

A listing of UIC General Education courses (formally listed as Humanities and Social Sciences) can be found on UIC’s website at <http://www.uic.edu/ucats/catalog/GE.shtml>

This transfer guide is available on the web at http://www.uic.edu/depts/enga/prospective_students/transfer_guides.htm