



UNIVERSITY OF ILLINOIS AT CHICAGO

TRANSFER REQUIREMENTS GUIDE FOR: ELGIN 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	Elgin Course	Elgin 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	ACC 101	Financial Accounting								X			
ACTG 111	ACC 105	Managerial Accounting								X			
BIO 100	BIO 113	Molecular and Cellular Biology	X				R#						
BIO 101	BIO 114	Org. Biology, Evolution, Ecol.					R#						
CME 201	EGR 152	Statics	X		X					X	X	X	X
CHEM 112	CHM 142	General Chemistry I	R	R	R	R	R#		R	R	R	R	R
CHEM 114	CHM 143	General Chemistry II	X	X			R#						
CHEM 232, 233	CHM 234	Organic Chemistry		X									
CHEM 234	CHM 235	Organic Chemistry		X									
EAES 101	GLY 112	Physical Geology					R#						
ECON 120	BEC 103	Prin. Of Microeconomics								X			
ECON 121	BEC 102	Prin. Of Macroeconomics								X			
CS 101 / 108 / 109	CIS 123	Computer Science for Engineers	X	X	X		X	X		X	X	X	X
CS 102 / 107	CIS 223	Computer Science II				X	X	X	X				
ENGL 160	ENG 101	Composition I	R	R	R	R	R	R	R	R	R	R	R
ENGL 161	ENG 102	Composition II	R	R	R	R	R	R	R	R	R	R	R
MATH 180	MTH 133	Calculus I	R	R	R	R	R	R	R	R	R	R	R
MATH 181	MTH 134	Calculus II	R	R	R	R	R	R	R	R	R	R	R
MATH 210	MTH 201	Calculus III	R	R	R	R	X	X	R	R	R	R	R
MATH 220	MTH 202	Intro. To Differential Equations	R	R	R	R	X	X	R		R	R	R
ME 250	EGR 101	General Engineering Drawing			X							X	X
ME 210	EGR 252	Dynamics			X							X	X
PHYS 141	PHY 111	Engineering Physics	R	R	R	R	R#	R	R	R	R	R	R
PHYS 142	PHY 112	Engineering Physics	R	R	R	R	R#	X	R	R	R	R	R
PHYS 244	PHY 113	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/ucatalog/GE.shtml>

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