UIC UNIVERSITY OF ILLINOIS AT CHICAGO
TRANSFER REQUIREMENTS GUIDE FOR: CHICAGO STATE UNIVERSITY

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 2009-2011 catalog, this guide is valid for students who enroll through Summer 2010. 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	Chicago State Course	Chicago State Course Title	Bioengineering	Chemical Engineering	Civil Engineering	Computer Engineering	Computer Science		Electrical Engineering	Engineering Management	Engineering Physics	Industrial Engineering	Mechanical Engineering
							CS	CS O					
BIOL 100	BIOL 1710	Introduction to Biology	X				R#						
CME 201	ENGR 2430	Statics			X					X	X	X	X
CME 260	ENGR 2550	Material Science and Engineering	X	X	X						X		X
CHE 201 / ME 205	ENGR 2330	Engineering Thermodynamics	X	X	X	X			X		X	X	X
CHEM 112	CHEM 1550	General Chemistry I	R	R	R	R	R#		R	R	R	R	R
CHEM 114	CHEM 1556	General Chemistry II	X	X			R#						
CHEM 232, 233	CHEM 2500	Organic Chemistry I		X									
CHEM 234	CHEM 2510	Organic Chemistry II		X									
ECON 120	ECON 1020	Principles of Economics II								X			
ECON 121	ECON 1010	Principles of Economics I								X			
CS 101 / 109	CPTR 1100	Introduction to C++ Programming	X	X	X		X	X		X	X	X	X
CS 102 / 107	CPTR 2100	Advanced C++ Programming				X	X	X	X				
CS 201	CPTR 3100	Data Structures				X	X	X					
ENGL 160	ENG 1270	Composition I	R	R	R	R	R	R	R	R	R	R	R
ENGL 161	ENG 1280	Composition II	R	R	R	R	R	R	R	R	R	R	R
IE 201	ENGR 2400	Engineering Economy			X					X		X	X
MATH 180	MATH 1410	Calculus I	R	R	R	R	R	R	R	R	R	R	R
MATH 181	MATH 1420	Calculus II	R	R	R	R	R	R	R	R	R	R	R
MATH 210	MATH 2430	Calculus III	R	R	R	R	X	X	R	R	R	R	R
MATH 220	MATH 2710	Differential Equations	R	R	R	R	X	X	R		R	R	R
MATH 310	MATH 2200	Linear Algebra				X	X	X	X	X			
ME 250	IT 1121	Technical Drawing			X							X	X
ME 210	ENGR 2550	Dynamics			X							X	X
PHYS 141	PHYS 2110	General Physics I with Calculus	R	R	R	R	R#	R	R	R	R	R	R
PHYS 142	PHYS 2120	General Physics II with Calculus	R	R	R	R	R#	X	R	R	R	R	R
PHYS 244	PHYS 2130	General Physics III with Calculus	X			X			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/ucat/catalog/GE.shtml

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