



UNIVERSITY OF ILLINOIS AT CHICAGO

TRANSFER REQUIREMENTS GUIDE FOR: OAKTON 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	Oakton Course	Oakton Course Title	Bioengineering	Chemical Engineering	Civil Engineering	Computer Engineering	Computer Science		Electrical Engineering	Engineering Management	Engineering Physics	Industrial Engineering	Mechanical Engineering
							CS	CS O					
ACTG 110	ACC 153	Principle of Financial Accounting								X			
ACTG 111	ACC 154	Principle of Managerial Accounting								X			
BIOS 100	BIO 121	General College Biology I	X				R#						
BIOS 101	BIO 122	General College Biology II					R#						
CME 201	ENG 211	Analytical Mechanics (Statics)	X		X					X	X	X	X
CME 203	ENG 217	Strength of Materials	X		X					X	X	X	X
CHEM 112	CHM 121	Gen. College Chemistry I	R	R	R	R	R#		R	R	R	R	R
CHEM 114	CHM 122	Gen. College Chemistry II	X	X			R#						
CHEM 232, 233	CHM 223	Organic Chemistry I		X									
CHEM 234	CHM 224	Organic Chemistry II		X									
EAES 101	EAS 101	Physical Geology					R#						
EAES 102	EAS 102	Historical Geology					R#						
ECON 120	ECO 202	Principles of Economics II								X			
ECON 121	ECO 201	Principles of Economics I								X			
CS 102 / 107	CSC 170 & 171	Intro to Numerical Methods & C Prog				X	X	X	X				
CS 108 / 109	CSC 170 & 172	Intro to Num. Methods & FORTRAN	X	X	X					X	X	X	X
ECE 210	ENG 220	Engineering Circuit Analysis	X	X	X	X		X	X	X	X	X	X
ECE 265	ENG 250	Introduction to Digital Systems				X	X	X	X				
ENGL 160	EGL 101	Composition I	R	R	R	R	R	R	R	R	R	R	R
ENGL 161	EGL 102	Composition II	R	R	R	R	R	R	R	R	R	R	R
MATH 180	MAT 250	Calculus I	R	R	R	R	R	R	R	R	R	R	R
MATH 181	MAT 251	Calculus II	R	R	R	R	R	R	R	R	R	R	R
MATH 210	MAT 252	Calculus III	R	R	R	R	X	X	R	R	R	R	R
MATH 220	MAT 262	Ordinary Differential Equations	R	R	R	R	X	X	R		R	R	R
ME 250	ENG 120	Engineering Graphics			X							X	X
ME 210	ENG 212	Analytical Mechanics (Dynamics)			X							X	X
PHYS 141	PHY 221	General Physics I	R	R	R	R	R#	R	R	R	R	R	R
PHYS 142	PHY 222	General Physics II	R	R	R	R	R#	X	R	R	R	R	R
PHYS 244	PHY 223	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