



UNIVERSITY OF ILLINOIS AT CHICAGO

TRANSFER REQUIREMENTS GUIDE FOR: MCHENRY COUNTY 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 2011-2013 catalog, this guide is valid for students who enroll through Summer 2013. 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	Mc Henry Course	Mc Henry Course Title	Bioengineering	Chemical Engineering	Civil Engineering	Computer Engineering	Computer Science		Electrical Engineering	Engineering Mgmt	Engineering Physics	Industrial Engineering	Mechanical Engineering
							CS	CSO					
ACTG 110	ACC 151	Financial Accounting								X			
ACTG 111	ACC 152	Management Accounting								X			
BIOS 100	BIO 157	Fundamentals of Biology	X				R#						
BIOS 101	BIO 158	Evolution and Biodiversity					R#						
CME 201	EGR 251	Statics	X		X					X	X	X	X
CHEM 112	CHM 165	General Chemistry I	R	R	R	R	R#		R	R	R	R	R
CHEM 114	CHM 166	General Chemistry II	X	X			R#						
CHEM 232, 233	CHM 265	Organic Chemistry I		X									
CHEM 234	CHEM 266	Organic Chemistry II		X									
EAES 101	EAS 170	Geology & Oceanography			X		R#						
ECON 120	ECO 251	Microeconomics								X			
ECON 121	ECO 252	Macroeconomics								X			
CS 101 / 109	CIS 117	Introduction to Programming	X	X	X		X	X		X	X	X	X
CS 102 /107	CSC 121	Computer Science I				X	X	X	X				
CS 201	CSC 122	Computer Science II					X	X					
ECE 210 / ECE 115	EGR 260	Electrical Circuit Analysis	X	X	X	X		X	X	X	X	X	X
ENGL 160	ENG 151	Composition I	R	R	R	R	R	R	R	R	R	R	R
ENGL 161	ENG 152	Composition II	R	R	R	R	R	R	R	R	R	R	R
MATH 180	MAT 175	Calculus w/Analytic Geometry I	R	R	R	R	R	R	R	R	R	R	R
MATH 181	MAT 245	Calculus w/Analytic Geometry II	R	R	R	R	R	R	R	R	R	R	R
MATH 210	MAT 255	Calculus w/Analytic Geometry III	R	R	R	R	X	X	R	R	R	R	R
MATH 220	MAT 260	Differential Equations	R	R	R	R	X	X	R		R	R	R
ME 250	**EGR 151**	**Engineering Graphics I**			X							X	X
ME 210	EGR 252	Dynamics			X							X	X
PHYS 141	PHY 291	Principles of Physics I	R	R	R	R	R#	R	R	R	R	R	R
PHYS 142	PHY 292	Principles of Physics II	R	R	R	R	R#	X	R	R	R	R	R
PHYS 244	PHY 293	Principles of Physics III	X								X	X	X

**Due to considerable changes in ME 250 at UIC, EGR 151 will only be accepted as credit up through Spring 2012.

A listing of UIC General Education courses (formerly listed as Humanities and Social Sciences) can be found on the LAS Transfer Guides at http://www.uic.edu/depts/oar/undergrad/transfer_guides/las/current/index.html

This transfer guide is available on the web at <http://engineering.uic.edu/COE/TransferGuides>