



UNIVERSITY OF ILLINOIS AT CHICAGO

TRANSFER REQUIREMENTS GUIDE FOR: ROCK VALLEY 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	Rock Valley Course	Rock 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	ATG 110	Financial Accounting								X			
ACTG 111	ATG 111	Managerial Accounting								X			
BIOS 100	BIO 205	Principles of Biology	X				R#						
CME 201	EGR 206	Statics	X		X					X	X	X	X
CME 203	EGR 221	El. Mechanics of Deformable Bodies	X		X					X	X	X	X
CHEM 112	CHM 101	General Inorganic Chemistry	R	R	R	R	R#		R	R	R	R	R
CHEM 114	CHM 102	Inorganic Chemistry w/ Qualitative Anl.	X	X			R#						
CHEM 232, 233	CHM 220	Organic Chemistry I		X									
CHEM 234	CHM 221	Organic Chemistry II		X									
EAES 101	GES 103	Fossils and Earth History					R#						
ECON 120	ECO 111	Principles of Economics: Micro								X			
ECON 121	ECO 110	Principles of Economics: Macro								X			
CS 108	MTH 163	Comp in Math, Fortran	X	X	X					X	X	X	X
ECE 210	EGR 231	Engineering Circuit Analysis	X	X	X	X		X	X	X	X	X	X
ECE 265	EET 135	Digital Electronics				X	X	X	X				
ENGL 160	ENG 101	Composition I	R	R	R	R	R	R	R	R	R	R	R
ENGL 161	ENG 103	Composition II	R	R	R	R	R	R	R	R	R	R	R
MATH 180	MTH 135	Calculus with Analytic Geometry I	R	R	R	R	R	R	R	R	R	R	R
MATH 181	MTH 235	Calculus with Analytic Geometry II	R	R	R	R	R	R	R	R	R	R	R
MATH 210	MTH 236	Calculus with Analytic Geometry III	R	R	R	R	X	X	R	R	R	R	R
MATH 220	MTH 240	Differential Equations	R	R	R	R	X	X	R		R	R	R
ME 250	EGR 131	Engineering Graphics			X							X	X
ME 210	EGR 207	Dynamics			X							X	X
PHYS 141	PHY 211	Transnational/Rotational Mechanics	R	R	R	R	R#	R	R	R	R	R	R
PHYS 142	PHY 212	Wave Motion, Kinetic Theory/Electricity	R	R	R	R	R#	X	R	R	R	R	R
PHYS 244	PHY 213	Electromagnetism and 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