

**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	Kankakee Course	Kankakee Community College 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	ACCT 1514	Financial Accounting								X			
ACTG 111	ACCT 1523	Managerial Accounting								X			
BIOS 100	BIOL 1514	General Biology I	X				R#						
BIOS 101	BIOL 1524	General Biology II					R#						
CME 201	ENGR 1613	Statics	X		X				X	X	X	X	X
CHEM 112	CHEM 1514	General Chemistry I	R	R	R	R	R#		R	R	R	R	R
CHEM 114	CHEM 1524	General Chemistry II	X	X			R#						
CHEM 232, 233	CHEM 2714	Organic Chemistry I		X									
CHEM 234	CHEM 2724	Organic Chemistry II		X									
ECON 120	ECON 1563	Principles of Microeconomics							X				
ECON 121	ECON 1553	Principles of Macroeconomics							X				
ECE 210	ENGR 2613	Electrical Circuits and Network	X	X	X	X	X	X	X	X	X	X	X
ENGL 160	ENGL 1613	English I	R	R	R	R	R	R	R	R	R	R	R
ENGL 161	ENGL 1623	English II	R	R	R	R	R	R	R	R	R	R	R
MATH 180	MATH 2515	Calculus & Anal. Geometry I	R	R	R	R	R	R	R	R	R	R	R
MATH 181	MATH 2523	Calculus & Anal. Geometry II	R	R	R	R	R	R	R	R	R	R	R
MATH 210	MATH 2535	Calculus & Anal. Geometry III	R	R	R	R	X	X	R	R	R	R	R
MATH 220	MATH 2613	Differential Equations	R	R	R	R	X	X	R		R	R	R
ME 250	ENGR 1513	Engr. Graphics/CAD			X							X	X
ME 210	ENGR 1623	Dynamics			X							X	X
PHYS 141	PHYS 2614	Physics I	R	R	R	R	R#	R	R	R	R	R	R
PHYS 142	PHYS 2624	Physics II	R	R	R	R	R#	X	R	R	R	R	R
PHYS 244	PHYS 2634	Physics III	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](http://www.uic.edu/depts/enga/prospective_students/transfer_guides.htm)