



COLLEGE OF ENGINEERING – TRANSFER GUIDE

SOUTHEASTERN COMMUNITY COLLEGE

Course work completed at a regionally *accredited* college will transfer when it is approximately equivalent to required course work at U of I. Transfer courses must have a grade of "C-" or above to be applied toward degree.

CORE ENGINEERING CURRICULA AND EQUIVALENTS

The University of Iowa Course	UI Sem Hrs	Southeastern CC Equivalent		SECC Sem Hrs
010:003	4	ENG105	Composition I	3
Rhetoric (includes 10:6 speech) (4sh limit of rhetoric applies toward degree)		ENG106	Composition II	3
		SPC112	Public Speaking	3
004:011	4	CHM165	General Chemistry I	4
029:081	4	PHY212	Classical Physics I	5
029:082	4	PHY222	Classical Physics II	5
22M:031	4	MAT210	Calculus I	4
		MAT216	Calculus II	4
22M:032	4	MAT219	Calculus III	4
***Students transferring to the University of Iowa must have completed Calculus I, II, and III to receive credit for Engineering Math II.				
***U of I Engineering students wishing to complete the Eng Math II requirement at the Southeastern Community College MUST meet with Megan Allen at the U of I.				
22M:040/033	2	MAT149	Linear Algebra	3
22M:041/034	3	MAT227	Differential Equations	4
059:005	3	DRF113	Fundamentals of Tech. Drafting	3
059:006	3	CIS171	Java	3
	OR	CIS167	Programming in C	3
	OR	CIS161	C++	3
059:007		MFG546	Statics/Strengths of Materials	5
The following courses may be required depending upon the major selected: <i>Biomedical</i> and <i>chemical</i> majors require a year of college-level chemistry. <i>Industrial</i> engineering majors require an introductory psychology course.				
004:012	4	CHM175	General Chemistry II	4
004:121	3	CHM263	Organic Chemistry I	4
004:122	3	CHM273	Organic Chemistry II	4
004:141	3		Excess hrs from CHM263 & 273	

GENERAL EDUCATION COMPONENT (GEC)

All engineering students must complete a minimum of 15 semester hours of humanities and social science electives. At least 6 hours must be from lower-level courses (freshman or sophomore level) and 6 hours from upper-level courses (junior and senior level). *Note:* 1) At least one upper-level course must be from the same department as a lower-level course; 2) a maximum of nine hours of lower-level courses may be transferred from a community college; and 3) Industrial engineering majors are required to take the equivalent of Elementary Psychology, 31:001, an introductory psychology course as part of their GEC. For a list of approved GEC courses go to www.engineering.uiowa.edu/records.

TRANSFER ADMISSIONS REQUIREMENTS

The College of Engineering is looking for an overall GPA that indicates likely success in engineering. To transfer into the College of Engineering, students must have demonstrated success in math, science and engineering courses (grades of A's and B's in these foundation subjects with no grade lower than a C). At a minimum, transfer students must have completed Calculus I and the equivalent of either Iowa's Principles of Chemistry I or Introductory Physics I (e.g. the first semester of Chemistry designed for majors or the first semester of Calculus-based Physics). Students may transfer into engineering upon the successful completion of the Calculus and Chemistry or Physics; it is not necessary to have 24 hours earned.

ADDITIONAL INFORMATION

The University of Iowa
College of Engineering, 3124 SC
Iowa City, IA 52242
319/335-5763 (or) 800/553-4692
email: engineering-admissions@uiowa.edu

Southeastern Community College
P.O. Box 180
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