



COLLEGE OF ENGINEERING – TRANSFER GUIDE

IOWA WESLEYAN 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. Please have an official transcript sent to: The University of Iowa, Department of Admissions, 107 Calvin Hall, Iowa City, IA 52242 when you have completed the course.

CORE ENGINEERING CURRICULA AND EQUIVALENTS

The University of Iowa Course	UI Sem Hrs	Iowa Wes. College Equivalent	IWC Sem Hrs	
010:001 & 010:002	4 (4sh limit of rhetoric applies toward degree)	ENG 101	English Problem Solving & Writing	3
Rhetoric (includes 10:6 speech)		ENG 102	Analytical Persuasion Research	3
		COMM 107	Speech Fundamentals	3
		OR COMM 140	Human Communication	3
		OR COMM 147	Intro to Public Speaking	3
004:011	4	CHEM 175	Principles of Chemistry I	4
22M:031	4	MATH 231	Calculus I AND	4
Eng Math I – Single Variable Calc		MATH 232	Calculus II	4
		MATH 323	Linear Algebra	3
22M:040/033	2			3
059:006	3	CS 201	Computer Programming I	4
<p>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.</p>				
004:012	4	CHEM 176	Principles of Chemistry II	4
004:121	3	CHEM 355	Organic Chemistry I	3
004:122	3	CHEM 356	Organic Chemistry II	3
004:141	3	CHEM 357	Organic Chemistry Lab I**	1
Organic Chemistry Lab		CHEM 358	Organic Chemistry Lab II**	1
<p>** (short 1sh for 4:141)</p>				

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

Iowa Wesleyan College
 601 N. Main
 Mount Pleasant, IA 52641-1398
 319/385-8021 (or) 800/582-2383
www.iwc.edu