



COLLEGE OF ENGINEERING – TRANSFER GUIDE

BLACK HAWK 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		Black Hawk College Equivalent	BHC Sem Hrs
RHET:1030	Rhetoric (4sh limit of rhetoric applies to degree)	4	ENG101	Composition I	3
			ENG102	Composition II	3
			Spec 101	Principles of Speech Communication	3
CHEM:1110	Principles of Chemistry I	4	CHEM 101	General Chemistry I	4
PHYS:1611	Introductory Physics I	4	PHYS 201	General Physics I	5
PHYS:1612	Introductory Physics II	4	PHYS 202	General Physics II	5
MATH:1550	Eng. Math I – Single Variable Calculus ***	4	MATH 124	Calculus I with Analytic Geometry AND Calculus II with Analytic Geometry	4 4
MATH:1560	Eng. Math II – Multiple Variable Calculus***	4	MATH 226	Calculus III with Analytic Geometry	5
MATH:2550	Eng. Math III – Matrix Algebra	2	MATH 230	Linear Algebra	3
MATH:2560	Eng. Math IV – Differential Equations	3	MATH 235	Differential Equations	3
ENGR:1100	Engineering Problem Solving I	3	GE 101	Engineering Graphics and Geometry	3
ENGR:1300	Engineering Problem Solving II	3	CS 101	Introduction to Structured Programming	3
ENGR:2110	Engineering Fundamentals I - Statics	2	GE 201	Analytical Mechanics Statics	3

***Students must have completed Calculus I, II, and III to receive credit for Engineering Math II.

The following courses **may be required** depending upon the major selected: *Biomedical* and *chemical* majors require a year of college-level chemistry. *Industrial* engineering majors require an introductory psychology course.

CHEM:1120	Principles of Chemistry II	4	CHEM 102	General Chemistry II	4
CHEM:2210	Organic Chemistry I	3	CHEM 203	Organic Chemistry I	5
CHEM:2220	Organic Chemistry II	3	CHEM 204	Organic Chemistry II	5
CHEM:2410	Organic Chemistry Lab	3	(excess CHEM 203 & 204 hrs fulfill CHEM:2410 Lab requirements)		
ENGR:2710	Dynamics	3	GE 202	Analytical Mechanics Dynamics	3
ENGR:2750	Mechanics of Deformable Bodies	4	GE 205	Elementary Mechanics of Deformable Bodies	3

GENERAL EDUCATION COMPONENT (GEC)

Students must earn at least 15 semester hours of approved course credit. The requirements are the following: Complete 3 s.h. of an Engineering Be Creative class, 3 s.h. from one of the approved CLAS GEC categories, and 9 s.h. of Approved Course Subjects. For a list of all approved courses go to <https://www.engineering.uiowa.edu/general-education-component-starting-summer-2015>.

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
2134 Seamans Center Iowa City, IA 52242
Phone: (319) 335-5763 or (800) 553-4692
Email: engineering-admissions@uiowa.edu

Black Hawk College
6600 34th Ave. Moline, IL 61265
Phone: (309) 796-5000 or (800) 334-1311 ext. 5164
Web site: www.bhc.edu