



COLLEGE OF ENGINEERING – TRANSFER GUIDE

HAWKEYE 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. 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	Hawkeye Community College Equivalent	HCC Sem Hrs
RHET:1030 Rhetoric (4sh limit of rhetoric applies to degree)	4	ENG 105 Composition I	3
		ENG 106 Composition II	3
		SPC 101 Fundamentals of Oral Communication	3
CHEM:1110 Principles of Chemistry I	4	CHM 165 General Chemistry	4
PHYS:1611 Introductory Physics I	4	PHY 212 Classical Physics I	5
PHYS:1612 Introductory Physics II	4	PHY 222 Classical Physics II	5
MATH:1550 Eng. Math I – Single Variable Calculus***	4	MAT 210 Calculus I AND	4
		MAT 216 Calculus II	4
MATH:1560 Eng. Math II – Multiple Variable Calculus***	4	MAT 219 Calculus III	4
ENGR:1100 Introduction to Engineering Problem Solving	3	EGR 410 Principles of Engineering	3
ENGR:1300 Introduction to Engineering Computing	3	CIS 171 JAVA OR	3
		CIS 175 JAVA II	3

***Students must complete Calculus I, II, and III to receive credit for Engineering Math I & 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	CHM 175 General Chemistry II	4
CHEM:2230 Organic Chemistry I for Majors	3	CHM 260 Organic Chemistry I	3
CHEM:2240 Organic Chemistry II for Majors	3	CHM 270 Organic Chemistry II	3
BIOL:1411 Foundations of Biology	4	BOO 112 General Biology I	4
HHP:3500 Human Physiology	3	BIO 168 Human Anatomy & Physiology I AND	4
		BIO 173 Human Anatomy & Physiology II w/Lab	4

GENERAL EDUCATION COMPONENT (GEC)

Students must earn at least 15 s.h. in chosen from approved departments and programs. For a list of approved GEC courses go to GEC website link: <http://www.engineering.uiowa.edu/current-students/academic-support/advising/general-education-component>

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

Hawkeye Community College Student Development
1501 East Orange Rd. P.O. Box 8015
Waterloo, IA 50704-8015
Phone: (800) 670-4769 www.hawkeye.cc.ia.us