



COLLEGE OF ENGINEERING – TRANSFER GUIDE

NORTHEAST IOWA 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 | NE Iowa CC Equivalent | NEICC Sem Hrs |
|-----------------------------------------------------------------|------------|------------------------------------|---------------|
| RHET:1030 Rhetoric (4sh limit of rhetoric applies to degree) | 4 | ENG 105 Composition I AND | 3 |
| | | ENG 106 Composition II AND | 3 |
| | | SPC 112 Public Speaking | 3 |
| CHEM:1110 Principles of Chemistry I | 4 | CHM 160 Chemistry I AND | 3 |
| | | CHM 161 Chemistry I Lab | 1.5 |
| MATH:1550 Eng Math I – Single Variable Calculus*** | 4 | MAT 210 Calculus I AND | 4 |
| MATH:1560 Eng Math II – Multiple Variable Calculus*** | 4 | MAT 216 Calculus II | 4 |
| | | MAT 219 Calculus III | 4 |
| ENGR:1300 Introduction to Engineering Computing | 3 | CIS 142 Computer Science OR | 4 |
| | | CIS 161 C++ OR | 3 |
| | | CIS 171 Java | 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.

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|--------------------------------------|---|--------------------------------------------------------------------|-----|
| CHEM:1120 Principles of Chemistry II | 4 | CHM 170 Chemistry II AND | 3 |
| | | CHM 171 Chemistry Lab II | 1.5 |
| CHEM:2210 Organic Chemistry I | 3 | CHM 261 Organic Chemistry I | 4 |
| CHEM:2220 Organic Chemistry II | 3 | CHM 271 Organic Chemistry II | 4 |
| CHEM:2410 Organic Chemistry Lab | 3 | Excess hours from CHM 261 & 271 fulfill requirements. Short 1 s.h. | |

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

Northeast Iowa CC
P.O. Box 400
Calmar, IA 52132-0400
563-562-3263 (or) 800-728-2256
FAX 563-562-3719

Northeast Iowa CC
10250 Sundown Rd
Peosta, IA 52068-9703
563-556-5110 (or) 800-728-7367
FAX 563-556-5058