

UNIVERSITY OF ILLINOIS College of Engineering

Transfer Information

The College of Engineering accepts **sophomore** and **junior**-level transfers. **Junior** transfers are evaluated based on college performance. Students who will transfer with less than **junior** standing in college are evaluated based primarily on the following criteria: grades in college; courses in college; high school academics; ACT or SAT scores; and essays. **Sophomore** transfer admission preference will be given to students who would have been admitted as freshmen applicants.

Qualified students are invited to apply for transfer admission to the College of Engineering. Most community colleges and four-year colleges offer coursework which permit a student to substantially complete the first four semesters of engineering undergraduate study in preparation for transfer.

Admission is selective for the Aerospace, Civil and Mechanical majors. The college holds all applications and reviews them together for these majors once the application deadline has passed. Based on the quality of the applicants, admission may only be offered to a select number of students who have GPAs above the listed guidelines. Some applicants may be offered admission into an alternate program of study in Engineering. If you have applied into one of these majors, you should list alternate majors in which you have interest on our campus in your essay.

Much of the coursework required for the first four semesters of the various engineering programs is similar and the transfer requirements are listed below in *red italics*.

Sophomore-level transfer admission requires completion of transfer coursework comparable to the following University of Illinois prerequisite coursework and requirements:

1. *Composition I*, generally, a two-course sequence equivalent to the University of Illinois' RHET 105.
2. *Calculus I and II*, generally the first two courses in a multi-course sequence equivalent to the University of Illinois' MATH 220 or 221 and MATH 231 or a three-course series for quarter system academic calendars.
3. *General Chemistry I & II*, generally, a two-course sequence equivalent to the University of Illinois' CHEM 102/103 and CHEM 104/105. Please note that several Programs of Study in the College of Engineering require only *one* semester of Chemistry: **Computer Engineering, Electrical Engineering, General Engineering, Computer Science, and Nuclear Engineering**. All others require two.
4. *Engineering Physics*, usually, the first course in calculus-based mechanics equivalent to the University of Illinois' PHYS 211.
5. *Language Requirement*¹

Junior-level transfer admission requires completion of **all of the prerequisite coursework listed** for **sophomore** transfer as well as the following additional prerequisite coursework:

1. *Calculus III*, generally, the third in a three-course sequence and equivalent to University of Illinois' MATH 241 or the fourth course of a four-course calculus series for quarter system academic calendars.

(Continued)

¹ *Language Requirement: For admission* a student must complete through the second level of one language other than English. A level is either completion of one year of one language other than English in high school or completion of one semester of one language other than English in college. It is **highly recommended** that transfer students complete through the third level for one language other than English prior to transfer, which satisfies the college's **Language Requirement** for **graduation** and by doing so will provide students with more opportunities to schedule other programmatic coursework in the rather regimented Engineering curricula.

2. **Engineering Physics**, the remainder of introductory calculus-based physics, generally a two or three-course sequence, which includes electricity and magnetism, thermal physics and modern or quantum physics equivalent to the University of Illinois' PHYS 212, 213, and 214. Please note that some Programs of Study in the College of Engineering may require either both PHYS 213 and 214 or some may only require either PHYS 213 or 214. Please see below:

Programs requiring both PHYS 213 and 214: Civil Engineering, Computer Engineering, Computer Science, Electrical Engineering, Engineering Mechanics, Engineering Physics, Industrial Engineering and Mechanical Engineering.

Programs requiring only PHYS 213: Aerospace Engineering and Agricultural Engineering.

Programs requiring only PHYS 214: General Engineering, Material Science and Engineering and Nuclear Engineering.

To be considered for admission applicants must demonstrate mastery of subject matter by earning a minimum of a 3.0 grade point average (GPA) on a 4.0 grade scale in the **required technical subjects** (chemistry, math and physics) as well as a minimum 3.0 cumulative GPA for all coursework completed.

In addition to the prerequisite coursework required for transfer, the College of Engineering **strongly recommends** that prospective transfers enhance their admissibility and make progress toward degree completion by completing other courses required by their desired Program of Study. For complete listings of the graduation requirements for each program, see Undergraduate Programs of Study at the following web site: (<http://www.engr.illinois.edu/students/prospective/curriculum.php>).