

# **Admission to Engineering Standing**

## **Curriculum**

The first two years of each undergraduate engineering program's curriculum are considered to be lower division while the remaining two years are considered the upper division. For the most part, upper division engineering courses are those with course numbers in the 3000's and 4000's. In addition to the stated prerequisites and unless otherwise noted in the catalog, students must apply for and be granted Engineering Standing in order to enroll in any upper division engineering course taught in the College of Engineering and Engineering Technology. (Note: Courses requiring Engineering Standing will include in their list of prerequisites "Test ENGR with a minimum score of Y" or "Engineering Standing" or words to that affect.)

*All students enrolled prior to Fall 2014 semester who are majoring in Engineering are automatically granted Engineering Standing.*

## **Granting of Engineering Standing**

The Department Chair for the program for which the applicant is seeking admission with the Dean of the College of Engineering and Engineering Technology's concurrence, may grant Engineering Standing. Once Engineering Standing is granted it cannot be rescinded provided that the student does not change majors.

In order to be granted Engineering Standing an applicant:

1. Must complete the appropriate courses for the major as shown below with a GPA in math, science, and engineering courses of 2.7 or above
2. Must file an application for Engineering Standing with the appropriate department
3. May file an application in the semester during which they are completing the requirements for Engineering Standing. In this case, the Department Chair, with the Dean's concurrence, may grant Conditional Engineering Standing. If the requirements are satisfied within one semester, Engineering Standing will be granted and become unconditional. Otherwise, Conditional Engineering Standing will be rescinded.
4. May only apply for Engineering Standing in a program twice.

If a transfer student is admitted to KSU's Southern Polytechnic College of Engineering and Engineering Technology and has successfully completed the requirements of the Regents Engineering Pathways Program at a USG institution, he or she is automatically granted Engineering Standing.

Any student who has received a Bachelor of Science in Engineering Technology from Southern Polytechnic and seeks a second degree in the College of Engineering and Engineering Technology is automatically granted Engineering Standing.

The following chart lists the course requirements for students seeking Engineering Standing.  
 Updated August 2018

### Course Requirements

| Courses                                           | Mechanical Engineering |
|---------------------------------------------------|------------------------|
| Composition I (ENGL 1101)                         | X                      |
| Composition II (ENGL 1102)                        | X                      |
| Area B2                                           | X                      |
| Chemistry I (CHEM 1211/1211L)                     | X                      |
| Physics I (PHYS 2211/2211L)                       | X                      |
| Physics II (PHYS 2212/2212L)                      | X                      |
| Calculus I (MATH 1190)                            | X                      |
| Calculus II (MATH 2202)                           | X                      |
| MATLAB for Engineers with Applications (ME 1311)* | X                      |
| Engineering Graphics (EDG 1211)                   | X                      |

\* Engineering Programming CSE 1311 is acceptable

### Engineering Standing for Non-Engineering Majors

Non-engineering students who desire to enroll in upper-level engineering courses will need to satisfy the Engineering Standing prerequisite. A 2.7 GPA in the following courses will fulfill the requirement:

- ENGL 1101 - Composition I
- ENGL 1102 - Composition II
- CHEM 1211 and CHEM 1211L - Chemistry I
- PHYS 2211 and PHYS 2211L - Physics I
- MATH 1190 - Calculus I
- MATH 2202 - Calculus II

12 additional credits from courses in the Southern Polytechnic College of Engineering and Engineering Technology or with prefixes CHEM, CS, CSE, IT, MATH, PHYS, or STAT.