

**College of Engineering General Education Recommendations  
For 13 community colleges in Tennessee\*\***

**Communicating through Writing – 3 courses**

ENGL 101-102 (2 courses)

The WC requirement is satisfied by taking an upper division course in the major.

**Communicating Orally – 1 course**

The OC requirement is satisfied by an upper division course in the major.

**Arts & Humanities – 2 courses**

Note that Electrical Engr., Computer Engr., Computer Science, Industrial Engr., Aerospace Engr., Mechanical Engr., Biomedical Engr. and Nuclear Engineering require PHIL 241 (Engineering Ethics) that currently is not matched at any community college. For these listed majors, students at community colleges should only choose one arts and humanities course from UTK's approved general education list since they will be taking the other one at UT.

**Social Sciences – 2 courses**

Note that Industrial Engr., Materials Science Engr., Mechanical Engr., Aerospace Engr., Biomedical Engr., and Nuclear Engineering require ECON 201 and one other course from UTK's approved general education list.

**Cultures & Civilizations – 2 courses**

Any two courses from UTK's approved general education list are allowed. Students can also choose to study an intermediate foreign language sequence (or the equivalent intensive course), but it is not required. The College of Engineering does not allow US History for cultures & civilizations except for international student needing to meet Tennessee state law requirements.

**Natural Science – 2 courses**

CHEM 120 and PHYS 231 are required. Note that Chemical Engr., Civil Engr., Engineering Physics, Materials Science, Biomedical, and Nuclear require CHEM 130 also. These majors listed could take the two Chemistry courses at the community college and then take the Physics once at UT.

**Quantitative Reasoning – 2 courses**

MATH 141 and 142 (Calculus I and II) are required. Pre-calculus courses do not satisfy quantitative reasoning for engineering students.

\*\*Transfer students, including internal University of Tennessee, Knoxville, transfers, must meet the minimum requirements stated below to be considered for admission to a major within the college.

- Must have earned a minimum 2.30 cumulative average and a C or better in each of these specific courses, or their equivalent: ENGL 101, CHEM 120, and MATH 141 (and subsequent courses in the three sequences, if taken).
- The overall record will be evaluated for quality and seriousness of purpose. An excessive number of withdrawals, incompletes, repeated courses, or failures may result in denial.