Colorado Community College Transfer Student Advising Guide AY 2014-2015

Chemical Engineering, BS
Chemical and Biological Engineering, BS

Transfer Credit and Contact Information:

- Visit the Office of Admissions to see how your individual courses will transfer to CU-Boulder [http://www.colorado.edu/admissions/undergraduate/apply/transfer/transfercredit]
- The College of Engineering and Applied Science transfer student webpage is a good course and contact resource [http://www.colorado.edu/engineering/admissions/transfer/co-community-colleges]

College of Engineering and Applied Science Admissions Criteria:

- For guaranteed admission, transfer applicants from a Colorado Community College should have a minimum cumulative GPA of 3.30, with at least 24 credit hours completed.
- Grades earned in individual mathematics, science, engineering, and language arts courses must all be “B” or higher.
- Students must have completed at least two semesters of college-level calculus, AND two semesters of calculus-based physics and/or college-level chemistry, to be considered for admission.
- Students who do not meet the above requirements, but whose credentials are close, should see the competitive transfer criteria listed at: [www.colorado.edu/admissions/undergraduate/apply/transfer/admissioncriteria]
- For more details, see the Office of Admissions web site for transfer students at [www.colorado.edu/admissions/undergraduate/apply/transfer]

Program Overview:
Chemical Engineering is a broad and versatile discipline which deals with the development and application of processes that change materials either chemically or physically. Chemical engineers invent, design, and operate manufacturing processes that involve the chemical transformation of raw materials into products that are of value to mankind.

In Chemical and Biological Engineering, concepts from the biological sciences are used to inspire and guide the development and production of chemicals, pharmaceuticals, and advanced materials. Efficient, economical manufacture of these items requires engineers who are well-versed not only in chemical engineering but also in the fundamentals of biology.

Special Curriculum Notes:
- Chemical Engineering students may choose to pursue a several options to complement their degree path: Bioengineering, Energy, Environmental, Materials, and Pre Med.
- Curriculum details for both CHEN and CBEN degrees are available at [http://www.colorado.edu/chbe/undergraduate-program/current-undergraduate-students],
  - Click on the Advising Tab
- The Chemical Engineering and Chemical and Biological Engineering BS degrees are accredited by ABET.