



City College of San Francisco Transfer Guide

SCHOOL OF ENGINEERING

Majors: Civil, Computer, Electrical and Mechanical Engineering

The minimum required courses for admission are:

1. **English:** English 1A & 1B.
2. **Mathematics:** Math 110A, 110B.
3. **Physical Science:** Chemistry 101A or 103A; Physics 4A-4AL & 4B-4BL.

Recommended courses to complete more of the University's Core Curriculum:

4. **Western Culture:** Two courses from *one* of the following sequences: *Art 101, 102; English 44A, 44B; History 4A, 4B; Humanities 41A, 41B.
5. **Mathematics:** Math 110C, 125. COEN should complete 115.
6. **Physical Science:** Physics 4C.
7. **Computer Sciences:** Computer Engineering majors should take CIS 144 or CIS 110K. In addition, CIS 110L.
8. **Graphics:** Engineering 24. Not required for Computer Engineering majors.
9. **Surveying:** Civil Engineering majors should take Engineering 1A.
10. **Circuits:** Engineering 20 and 20L.
11. **Statics:** Engineering 36.
12. **Social Science:** One course such as Anthropology 3; Political Science 1, 2, 5; Psychology *1, 2, 30.
13. **U.S. History:** One course such as English 30, 36, 37, 41; History *1, 12A, 12B, 15A, 15B, 17A, 17B, 21, 41A, 41B; Political Science 1.
14. **World Culture/Societies:** One course such as History 20, 33, 34, 35A, 35B, 37, 48.
15. **Modern Language:** Students must successfully complete the second semester course of the first-year college-level sequence in a classical or modern foreign language or demonstrate an equivalent level of proficiency through examination.
16. **Religious Studies, Ethics, Technology** and a **Technical Writing** course are required, but taken at Santa Clara University.
17. Consult the SCU Bulletin for additional freshmen and sophomore level requirements in your major. The Bulletin can be found in the web site (www.scu.edu) under Academic Programs.

The above information is to be used as a guide for the purpose of admissions into Santa Clara University. Academic credit is awarded when the student is admitted into the University by the Drahnman Advising and Learning Recourses Center.