



Cañada College Transfer Guide

SCHOOL OF ENGINEERING

Majors: Civil, Computer, Electrical and Mechanical Engineering

The minimum required courses for admission are:

- 1) **English:** English 100 and 110
- 2) **Mathematics:** Math 251 and 252.
- 3) **Physical Science:** Chemistry 210 and Physics 250 and 260.

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

- 4) **Western Culture :** Two courses from *one* of the following sequences of such as Art 101, 102, 103; History 100, 101; Literature 142, 143; Philosophy 160, 175, 190; Drama 142, 143.
- 5) **Mathematics:** Math 253 and 275
- 6) **Physical Science:** Physics 270.
- 7) **Computer Sciences:** Computer Engineering majors should take COMP 231. Mechanical and Civil Engineering majors should take COM 162.
- 8) **Graphics:** Engineering 210. Not required for Computer Engineering majors.
- 9) **Circuits:** Engineering 260, 261.
- 10) **Statics:** Engineering 230.
- 11) **Social Science:** One course such as Anthropology 105, 110, 350; Economics 102; Political Science 103, 130, 150, 210; Psychology 100, 300, 410; Sociology 100, 105.
- 12) **U.S. History:** One course such as Economics 230, History 102, 201, 202, 205; Literature 200, 266, 370; Political Science 210.
- 13) **World Culture/Societies:** One course such as Anthropology 105, 110, 370; History 422, 425, 451, 452; Philosophy 320.
- 14) **Modern Language:** Students are not specifically required to complete course work or pass a proficiency exam. It is advisable, however, to attain the proficiency level of at least the first college course in a second language.
- 15) **Religious Studies, Ethics, Technology** and a **Technical Writing** course are required courses, but count only if taken at Santa Clara University.
- 16) 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 Current Students.