

# Foothill College Transfer Guide

## SCHOOL OF ENGINEERING

Majors: Civil, Computer, Electrical and Mechanical Engineering

### The minimum required courses for admission are:

- 1) **English:** English 1A and 1B.
- 2) **Mathematics:** Math 1A and 1B.
- 3) **Physical Science:** Chemistry 1A and Physics 4A and 4B.

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

- 4) **Western Culture:** Two courses from *one* of the following sequences: Art 2A, 2B, 2C; History 4A, 4B, 4C.
- 5) **Mathematics:** Math 1C, 1D, 2A.
- 6) **Physical Science:** Physics 4C. Physics 4D is recommended for EE majors.
- 7) **Graphics:** Engineering 6. Not required for Computer Engineering majors.
- 8) **Circuits:** Engineering 37.
- 9) **Statics:** Engineering 35.
- 10) **Properties of materials:** Engineering 45 is recommended for Civil and Mechanical Engineering majors only.
- 11) **Social Science:** One course such as Anthropology 2A, 2B, 3, 8; Economics 1A, 1B; Political Science 1, 2, 15; Psychology 1, 10, 30; Sociology 1, 15, 20, 40; Speech 10, 12.
- 12) **United States:** One course such as Art 11, 14; Drama 8; English 12, 31, 48A, 48B, 48C; History 17A, 17B; Music 8; Political Science 1, 7, 24; Speech 6.
- 13) **World Culture/Societies:** One course from the Area list, such as Anthropology 2A, 6; Art 12, 13; History 15, 18, 19, 23A; Philosophy 24.
- 14) **Modern Languages:** 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, 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 on the SCU web site ([www.scu.edu](http://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. This information is reviewed periodically and the date of the most recent update is noted in the bottom left hand corner of this guide. Students are responsible to make sure that any courses taken are listed on this guide at the time of actual enrollment. Transferability is not guaranteed and is up to our discretion, largely based upon the Santa Clara University core curriculum in effect at the time of admission.*