



College of San Mateo Transfer Guide SCHOOL OF ENGINEERING

Majors: Civil, Computer, Electrical, General 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; 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: Art 101, 102, 103; History 100, 101; Humanities 101, 102; Philosophy 160, 175.
- 5) **Mathematics:** Math 253 and 275.
- 6) **Physical Science:** Physics 270.
- 7) **Computer Sciences:** CIS 278 (not required for Civil or General Engineering majors).
Computer and Electrical Engineering majors should also take CIS 279.
- 8) **Graphics:** Engineering 210 (not required for Computer Engineering majors).
- 9) **Circuits:** Engineering 260.
- 10) **Statics:** Engineering 230 (not required for Computer Engineering majors).
- 11) **Dynamics:** Civil Engineering majors should take Engineering 240.
- 12) **Material Sciences:** Mechanical and General Engineering majors should take Engineering 270.
- 13) **Social Science:** One course such as Anthropology 110, 180; Economics 100, 102; Philosophy 244; Political Science 100, 110, 130, 150, 200, 212; Psychology 100, 110, 200, 225, 300; Sociology 100, 105, 110, 141, 200, 300.
- 14) **United States:** One course such as English Literature 201, 202, 265; Ethnic Studies 161, 261, 262, 288, 290, 350, 425, 430, 440, 585; History 102, 201, 202, 242, 260, 270; Humanities 131, 133; Music 240; Philosophy 246; Sociology 141; Political Science 100, 200, 210, 212, 215, 220, 250, 255, 260.
- 15) **World Culture/Societies-Area:** One course such as Anthropology 110, 370; Art 105; Ethnic Studies 360; Philosophy 320; Political Science 120.
- 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.
- 16) **Religious Studies, Ethics, Technology and Technical Writing** are required courses, but count only if 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 Current Students.

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.