



## American River College Transfer Guide

### SCHOOL OF ENGINEERING

Majors: Civil, Computer, Electrical and Mechanical Engineering

**The minimum required courses for admission are:**

- 1) **English:** English Writing 300 and 301.
- 2) **Mathematics:** Math 400 and 401.
- 3) **Physical Science:** Chemistry 400; Physics 410 and 421.

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

- 4) **Western Culture :** Two courses from *one* of the following sequences such as Art History 302, 308, 310; History 300, 302; Humanities 300, 310; Philosophy 330, 331.
- 5) **Mathematics:** Math 402, 420. Electrical Engineering majors should take Math 410.
- 6) **Physical Science:** Physics 431.
- 7) **Social Science:** One course such as Anthropology 310, 320, 333; Political Science 301; Psychology 300, 320; Sociology 300.
- 8) **United States:** One course such as English Literature 320, 321, 333, 334; History 310, 311, 318, 320, 321, 323, 325, 327, 330; Political Science 301; Sociology 301, 320, 325, 342.
- 9) **World Culture/Societies:** One course such as Anthropology 310, 315; History 364, 365, 373; Humanities 320; Philosophy 353.
- 10) **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.
- 11) **Religious Studies, Ethics, Technology** and a **Technical Writing** course are required courses, but count only if taken at Santa Clara University.
- 12) 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](http://www.scu.edu)) under Current Students.

The above information is to be used only as a guide for the purpose of admissions into Santa Clara University. The Drahnman Advising and Learning Resources Center awards academic credit for courses completed when the student is admitted into the University