

## School of Engineering

Santa Clara University's School of Engineering provides an outstanding theoretical and practical experience for both undergraduate and graduate students in the heart of Silicon Valley. Distinguished faculty, academic excellence, personal attention and a culture of social responsibility are hallmarks of our program.



## About Santa Clara University

Santa Clara University, a comprehensive Jesuit, Catholic university located in California's Silicon Valley, offers its 8,800 students rigorous undergraduate and graduate curricula in arts and sciences, business, engineering and law. Distinguished nationally by a 2nd place ranking among 115 master's universities in the West, California's oldest higher-education institution demonstrates faith-inspired values of ethics and social justice.



**Santa Clara  
University**

School of Engineering

Want more information?

Summer Engineering Seminar  
School of Engineering  
Santa Clara University  
500 El Camino Real  
Santa Clara, CA 95053-0590

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SummerEngineeringSeminar@scu.edu

[www.scu.edu/engineering/  
undergraduate/ses.cfm](http://www.scu.edu/engineering/undergraduate/ses.cfm)

**Application Deadline  
March 16, 2012**

# SUMMER ENGINEERING SEMINAR



A SPECIAL SUMMER PROGRAM FOR  
CURRENT HIGH SCHOOL JUNIORS  
(SOPHOMORES MAY ALSO APPLY)



SESSION 1: JULY 29 - AUG. 2, 2012  
SESSION 2: AUG. 5 - AUG. 9, 2012

## The 23rd Annual Summer Engineering Seminar



### Overview

The Summer Engineering Seminar is a special summer experience for high school students who may be curious about engineering. The program is designed to acquaint participants with the engineering profession, the academic expectations of college, and university life. It provides participants with a chance to explore the possibilities of engineering as a career while living in university residence halls, in hopes of fostering a deeper interest in the pursuit of future engineering study.

### Location

Participants stay on the Santa Clara University campus, in the heart of Silicon Valley, and attend workshops in the Bannan Engineering Center.

### Workshops

Engineering faculty teach specially designed workshops spanning a range of engineering disciplines. The format of these workshops includes lectures, interactive activities and labs.

### Meals & Recreation

Meals are enjoyed in university dining facilities and local restaurants. Outside of workshops, participants experience university life through afternoon recreational activities and evening projects.

### Eligibility

Those who will have completed their sophomore or junior year of high school by July 1, 2012, and are interested in exploring the field of engineering are eligible to apply. This program is introductory in nature and students who have little to no exposure to engineering are preferred. Women and other groups traditionally underrepresented in the field of engineering are highly encouraged to apply. Those who will have completed their junior year by July are given first priority.

### Cost

All tuition, room and board fees for participants are paid by grants from sponsoring organizations and the School of Engineering, resulting in no onsite costs for participants. Attendees are responsible, however, for their own transportation to and from campus.



### Application

Each year the SES program receives hundreds of applications from across the country for a limited number of spots, making acceptance to the program competitive. In order to be considered for this program, applicants must complete an application packet consisting of the following:

- 1) A completed online application which can be accessed from the program website: [www.scu.edu/engineering/undergraduate/ses.cfm](http://www.scu.edu/engineering/undergraduate/ses.cfm)
- 2) The SES instructor recommendation form completed by a high school math, science, computer or technology teacher. This form can be downloaded from the program website. Please have the instructor seal the form in an envelope and sign across the seal. Form must be postmarked by the application deadline. Please mail your recommendation form to:

**SES Coordinator – Shane Wibeto**  
**School of Engineering**  
**Santa Clara University**  
**500 El Camino Real**  
**Santa Clara, CA 95053-0590**

- 3) A 100-200 word essay addressing the following: Why are you an ideal candidate for the SES program? How do you think the program will benefit you?

**APPLICATION DEADLINE IS**

**MARCH 16, 2012**

**NO LATE APPLICATIONS WILL BE ACCEPTED.**

Applicants will be evaluated based on academic performance (particularly in math and science), strength of instructor recommendation and alignment of applicant with program goals. Applicants will be informed of their status via email by 5:00 p.m. on Friday, April 20th.

Two sessions will be held in the summer of 2012. Students are urged to apply for the session of their choice.