Program Dates:
Two sessions: June 25-30 and July 16-21, 2012

The Jack Baskin School of Engineering at UCSC prepares students for engineering in the 21st century, where computers and technology touch everything we do. In this 6-day non-residential summer program, girls in 7th and 8th grade (at the time of application) will experience the excitement of building their own computer controlled creations. The program enables young women to imagine themselves as future computer scientists and engineers and explore science, technology, engineering, and mathematics (STEM) academic and career pathways. Students learn about a variety of computer science and engineering topics through fun activities, including:

- Build your own computer game or video animation
- Build a variety of computer controlled creations from musical pickles to catapults to spinning sculptures that dance and twist
- Tour research labs at the engineering school, from Bio-engineering to Digital Games
- Travel on a fun and educational field trip to eBay
- Explore the UCSC campus and experience college life
- Learn how to prepare for college
- Explore engineering career options
- Learn about other STEM opportunities, such as COSMOS, MESA & science fairs

Apply Today!
Application Deadline: April 17, 2012

Middle school girls currently in 7th and 8th grades from across Santa Cruz and Monterey Counties with strong mathematics skills are encouraged to apply. Preference will be given to students currently enrolled in Algebra I. 24 students per session will be accepted into Girls in Engineering at no cost; free transportation to the UCSC campus will be provided.

(Application form on reverse)

Questions?
Contact (831) 459-3838 or gie@soe.ucsc.edu
http://gie.soe.ucsc.edu

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Girls in Engineering Application Form – Summer 2012

STUDENT INFORMATION

Name: _______________________________________________________________________________
School: _____________________________________________________________________________ Grade(7th or 8th): _________
Mailing Address: _____________________________________________________________________
City/State: ______________________________________ Zip Code: ____________________________
Phone: ________________________________ Email: _____________________________________________________________________________
Level of math completed and grade earned in 2011-12 school year: __________________________
Current math teacher’s name: ________________________________________________________________________________________________
Which week do you want to attend (June 25-30, July 16-21, or either)? ____________________

ACTIVITIES AND INTERESTS

Please list up to three activities that you are part of, and briefly describe your participation in each
activity. You may include formal (e.g. science fairs, clubs) and informal activities (e.g. special project, volunteer).

(1) __________________________________________________________________________________
(2) __________________________________________________________________________________
(3) __________________________________________________________________________________

STATEMENT OF INTEREST

What excites you about computers, technology, and engineering? Why would you want to spend a week
this summer studying computer science and engineering? Write one complete paragraph (maximum 150
words).

_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________

COMPUTER EXPERIENCE

Please describe any experience you have with programming or computers.

_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________

Parent/Guardian Signature Required for Participation: ________________________________

This form can be completed online at http://gie.soe.ucsc.edu/application or completed and mailed to
Girls In Engineering
Baskin School of Engineering: SOE3
UCSC
Santa Cruz, CA 95064

** Please have one math or science teacher submit a recommendation for you. **
** They can complete it online at http://gie.soe.ucsc.edu/recommendation **