THE ENGINEERING SUMMER BRIDGE PROGRAM IS HIRING!

August 18 - 24, 2018

We’re looking for:
(1) Lead Peer Mentor
(5) Peer Mentors
(6) Math Tutors

MAKE A DIFFERENCE!

APPLY BY MAY 14TH

Email your cover letter and resume to zendejas@ucsc.edu
The Engineering Summer Bridge (ESB) Program is a unique opportunity to welcome new, incoming School of Engineering students to UCSC prior to their fall quarter. The purpose of this bridge program is to assist their transition from high school to the academic rigor of engineering, and therefore better retain them. Primary program components are a strong math curriculum and an engineering team project. Lodging (on-campus housing), meals, and materials are provided for the students. *It is estimated that we will host 50-60 students.*

Current MEP and/or BSOE students are invited to support this unique program in a variety of paid and volunteer positions. The success of this program is best achieved by the relationships and information passed on by current students to these entering students through the activities noted below. See the attached role descriptions.

### Paid Positions
- Lead Peer Mentor (1) (Residential)
- Peer Mentors (5) (Residential)
- Math Tutors (6) (Non-Residential)

### Volunteer Positions
- Student Panelists
- Internship and/or Research Experience Presenters
- Lab Hosts/Tour Guides
- Student Organization Info (Reps)

For more information, please speak directly to the MESA Director.

### A sample of the participants’ activities include....

- *Academic and Math Success curriculum*
- *Engineering Team Project*
- *Networking with other Students and Faculty*
- *Introduction to Campus Resources*
- *Campus and Engineering Lab Tours*

- *Technology Workshops (Unix, MyUCSC)*
- *Informal Student and Faculty Panel Talks*
- *Team and Community Building Opportunities*
- *Introduction to BSOE Undergraduate Advisors*

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**PROGRAM SPONSORS**
Jack Baskin School of Engineering (BSOE)
MESA Engineering Program (MEP)
Division of Student Success
SEMILLA

**FOR MORE INFORMATION**
Lydia Zendejas, MEP Director Office: JBE 231
(831) 459-2868
zendejas@ucsc.edu
Peer Mentors Summary Statement

Under the supervision of the MEP Director and Outreach Coordinator (Lydia Zendejas and Young Kim), Peer Mentors will fully participate throughout the entire six days of the Engineering Summer Bridge Program. Peer Mentors will provide personal and academic advice, support, and encouragement for all participants of the ESB program. In addition to Peer Mentor duties, the Lead Peer Mentor has an increased supervisory and leadership role. The Lead Peer Mentor will provide overall leadership and direction for the team of peer mentors throughout the week and will check in daily with the MEP Director to update her on issues or concerns regarding students and the program.

Duties

- Be available the entire week of the program August 18 – 24 which includes training on Saturday August 18 (~ 9am-2pm) and debriefing on Friday August 24 (~ 5-6pm);
- Develop and oversee the engineering team project for the participants. This will begin during Spring quarter with the advisement of the MEP Director and faculty, if needed;
- Participate in planning discussions via email, conference call or in person from April-August;
- Attend a majority of the workshops associated with the program;
- Develop and deliver technical workshops on Java programming, Unix or some other area;
- Provide residential supervision for all housing-related matters;
- Attend all dining hall meals;
- Understand and be able to abide by campus and university housing policies.

Eligibility

- BSOE student in their second year or beyond
- In good academic standing

Qualifications

- MEP member is preferred
- Programming and hardware experience
- Work collaboratively with a team to plan and coordinate activities or events
- Strong interpersonal skills to establish and maintain effective relations with students from diverse backgrounds
- Knowledge of and familiarity with campus policies, procedures and organization, with the ability to ensure that policies are appropriately enforced
- Strong desire to help less experienced students
- Responsible, dependable, punctual, helpful and friendly
- Professional conduct and behavior to ensure respectful interactions in a responsible manner

Compensation

- All housing, meals and parking
- On-campus housing (single) for up to seven nights and three daily meals
- $620 stipend for peer mentors to be paid in September
- $780 stipend for lead peer mentor to be paid in September

How to apply

Submit the following by May 14 at 11:59pm to: zendejas@ucsc.edu

Résumé with the following information:
- Name, college, major(s)/minor(s), expected graduation date and contact info
- Extra-curricular activities, internships and/or work experience
- Special skills and languages

Cover letter addressing
- Why do you want to be selected for this position? Why and how would you be effective in that role?
- What do you think is the most important aspect of this position?
- What is your experience in sharing job duties and working as part of a team?
Math Tutors Summary Statement

Under the direction of our Mathematics Instructors, the Mathematics tutors will help the Engineering Summer Bridge (ESB) cohort of incoming freshmen students make the transition to University-level work, including advising them on strategies for studying, note-taking and test-taking. Students will be divided into two groups according to their level.

The ESB Mathematics Tutor will tutor approximately 20-30 students daily. This instruction and tutoring will take place in Baskin.

Duties

- Math Training is Friday August 17, 2:00-4:00pm;
- Math Tutoring is Monday-Friday August 20-24, 8:45-10:45am;
- Come prepared to review appropriate material for the group they are assigned;
- Provide math tutoring support to students;
- Monitor completion of daily homework assignments;
- Alert the Instructor, or ESB program staff, of any students’ academic difficulties or problems.

Compensation

- $20.62/hour, for a total of 12 hours.

How to apply

Email a letter of interest to zendejas@ucsc.edu and nandini@ucsc.edu by May 14 at 11:59pm

- Your letter of interest should explain why you qualify for this position and
- Calculus courses taken and your grades, include where you took them if not at UCSC