2019 Engineering Summer Math and Projects Bootcamp

WANT HELP SUCCEEDING IN MATH CLASSES?

WANT TO LEARN MORE ABOUT YOUR MAJOR?

The College of ECC is offering a **FREE** 3 week summer bootcamp for Computer Science, Electrical and Computer Engineering, and Mechanical and Mechatronic Engineering and Sustainable Manufacturing students:

- Mentoring for required math classes
- Learn with **Fun computer science and engineering projects such as robotics**
- **$430 AWARDS** upon successful completion of the bootcamp.

ELLIGIBILITY

- First-year college freshmen OR incoming transfer student who is enrolled in classes in Fall 2019.
- Majors: Electrical/Computer Engineering, Computer Science, and Mechanical/Mechatronic Engineering and Sustainable Manufacturing
- Priority given to students who are underrepresented in engineering (i.e. women, underrepresented minorities in STEM, first-generation, and low-income students).

DETAILS

Dates: July 29th – August 16th (3 weeks)

Time: Monday-Friday 8:30am-4:15pm

Location: O’Connell Building, Chico State Campus

Grades: Target is first-year college freshmen and transfer students

APPLYING

Applications due ** Friday, June 7th **
 Fees: **NONE**

**ADDITIONAL INFORMATION:**
- A $430 award will be given to the students to cover their housing/commute expenses.
- Lunch will be provided.
- A laptop is strongly recommended

**Program Coordinator:** Dr. Zahrasadat Alavi, Assistant Professor, Department of Electrical and Computer Engineering

**Questions?** Email Dr. Zahrasadat Alavi at zalavi@csuchico.edu

Please make sure to complete the application thoroughly. This is the first impression you will make upon those who admit students to the summer bootcamp. Students will be notified of acceptance by June 14th.

Email the completed applications to
zalavi@csuchico.edu
1. Student Information

Legal First and Last Name: ________________________________ Major: ________________________________

Student ID ___________________________

Home telephone number: ___________________________ Student cell number: ___________________________

Email address: ________________________________ Gender: ________________________________

Mailing address: __________________________________________________________________________

City / State: ________________________________ Zip: ________________________________

Ethnic Background: (Mark all that apply)

___ Asian ___ American Indian/Alaskan Native ___ African American/Black

___ Hispanic/Latino(a) ___ Native Hawaiian or Pacific Islander

___ White (Non-Hispanic/Latino(a)) ___ Two or more / Other (please state) ______________________

2. Family Information

Mother’s name: ______________________________

Occupation: ________________________________

Phone number: ______________________________

Father’s name: ______________________________

Occupation: ________________________________

Phone number: ______________________________

Guardian name: ______________________________

Occupation: ________________________________

Phone number: ______________________________

3. Education

a. Please list all schools you have attended in the last five years. List the school you are presently attending first.

__________________________________________________________________________________________

__________________________________________________________________________________________
b. When did you graduate from high school? ............

c. What math courses have you taken in high school? (Mark all that apply)
   Algebra
   Geometry
   Trigonometry
   Pre-calculus
   Calculus
   Statistics
   Other

d. List scholarships, grants or loans for which you have applied, and check the ones you received.

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4. Academic, Athletic, Community Service and Extra-Curricular Activities

   Attach additional pages, a resume or activities record if needed for this section.

   a. List academic awards, achievements and dates.

   ______________________________________________________
   ______________________________________________________
   ______________________________________________________

   b. List participation in community service and extra-curricular activities.

   ______________________________________________________
   ______________________________________________________
   ______________________________________________________

Essays - Please provide detailed answers to the following questions. Neatness is
a. Why are you interested in attending the 3-week summer bootcamp?
_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________

b. Do you foresee any reason you cannot attend every day, all 3 weeks, July 29th -August 16th, Monday-Friday?
_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________

b. Describe a significant challenge you faced and how you overcame it?
_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________
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6. Commitment to Program

If you are 18 years of age or above:
Student Agreement
I am aware that my admission into the 2019 Engineering Summer Math and Projects Bootcamp is completely voluntary. If accepted, I fully respect the responsibilities and expectations of Summer Bootcamp. I realize that the experience is more than just a summer course, but a commitment to my education.
I am willing to commit my time and energy to achieve my academic and personal potential by attending all days of the Summer Bootcamp (morning and afternoon).
I state the above information is accurate to the best of my knowledge.

Printed Name: ________________________________________________________________

Signature of Applicant: ___________________________ Date: _______________________

If you are less than 18 years of age:

Parent/Guardian Agreement
I give consent for my student to participate in the 2019 Engineering Summer Math and Projects Bootcamp and acknowledge that my student’s participation in this program is completely voluntary.
I am aware that for my student to be successful in the summer bootcamp, I will have to provide the necessary support so that my son/daughter attends the Summer Program.

Printed Name: ________________________________________________________________

Parent/Guardian Signature: ___________________________ Date: ______________________