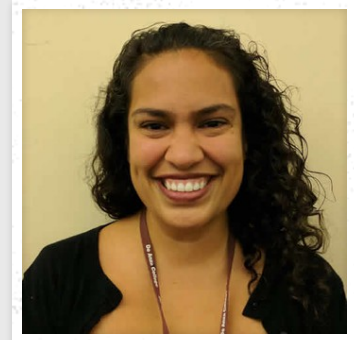


# STEM Newsletter

FALL 2022 - PREP FOR WEEK 1

## THIS WEEK

Welcome back students! Feels like the summer just flew by! I am happy to announce that we officially kicked off STEM Jumpstart, a learning community to engage students and build community among STEM students. To learn more about STEM Jumpstart check out the information below.



Our Program Spotlight goes to UndocuSTEM, a new program in partnership with HEFAS. Learn about UndocuSTEM below. Lastly, I also would like to take a moment and welcome our new Math Performance Success (MPS) counselor, David Coleman. If you struggle in math, reach out to him, and he will provide advice and guidance. You can find more information about David under our Faculty Spotlight.

With the quarter starting, I wanted to wish you a great and successful quarter!

Warm Regards,  
Yvette Campbell

## SPOTLIGHT

[HEFAS](#) (Undocumented Student Resource Center) is implementing UndocuSTEM, a new Science, Technology, Engineering, and Math (STEM) program in partnership with the [STEM Success Program](#), to support and provide resources to make STEM more accessible for undocumented students.

UndocuSTEM aims to **support** undocumented students in the fields of STEM (Science, Technology, Engineering, Math) through **accessibility, opportunity, and resources** by creating a program that **promotes equity, racial justice, leadership, and career development**. The UndocuSTEM program was founded by students, and funded through the **LatinXCEL grant** from the **Silicon Valley Community Foundation**.

[Connect with UndocuSTEM!](#)

Instagram: [https://www.instagram.com/da\\_undocustem/](https://www.instagram.com/da_undocustem/)

Discord: <https://discord.gg/s73nbrpc>

Email: [da.undocustem@gmail.com](mailto:da.undocustem@gmail.com)



## MEET OUR NEW FACULTY!

"Hello my name is David Coleman and I am a counselor and instructor with the MPS program. I completed both my B.A. in Liberal Arts and my M.A. in Educational counseling at U.C. Santa Barbara. Previously I also worked at U.C. Santa Barbara as an Outreach Admissions counselor as well as a Teaching & Graduate Assistant in the Black Studies Department. I also worked as a Lecturer and Director of the Minority Engineering Program in the School of Engineering and Technology at CSU Los Angeles prior to joining De Anza College. However, I am most proud to be the Dad of three young men who are also navigating their ways through the college experience. I am located in the Physical Sciences Mathematics and Engineering Division. Please stop by and say hello." To learn about MPS or speak with David please reach out to [mps@fhda.edu](mailto:mps@fhda.edu)

## ANNOUNCEMENTS

### BERKLEY ENGINEERING: COMMUNITY COLLEGE WEBINAR SERIES

UC Berkeley's College of Engineering is hosting an exciting series of webinars for prospective transfer students. **We really appreciate you sharing this information widely with your colleagues and students within the California Community College system.** Flyer attached.

#### **Berkeley Engineering Overview & The Secrets to Transfer Admissions**

Tuesday, October 4, 4–5:15 p.m. | [Register here](#)

This webinar will share information about the College of Engineering and provide an overview of the transfer admissions process for California Community College students.

#### **Transfer Student Panel**

Wednesday, October 12, 7-8 p.m. | [Register here](#)

Join us to hear from the [Engineering Transfer Ambassadors](#) about their experience on campus, including participating in classes, internships, research, etc. We will have time for participants to ask their own questions.

#### **Finding Research Opportunities as a Community College Student**

Thursday, October 20, 4–5 p.m. | [Register here](#)

Undergraduate research opportunities are a great way to engage with a discipline in a hands-on way, contribute to the knowledge base, “try-on” graduate school, and enhance your transfer application. This session will provide an overview of the Transfer-to-Excellence Research Internship and introduce other ways to secure scientific research opportunities while enrolled in community college.

### **Berkeley Engineering Faculty Talk with Dr. Matthew Sherburne**

Tuesday, October 25, Noon–1 p.m. | [Register here](#)

Don't miss this opportunity to hear from Dr. Matthew Sherburne of the materials science and engineering department, who will speak about his experience transferring from community college to UC Berkeley and ultimately pursuing his Ph.D. He will also share advice on making the most of campus opportunities, including participating in undergraduate research.

### **Peer Application Workshop with the Society of Women Engineers**

Tuesday, November 1, 6-8 p.m | [Register here](#)

This workshop will allow community college students to work with current UC Berkeley transfer students in breakout rooms, where SWE will be giving personalized peer application advice. Whether students are brainstorming essay topics or making final edits, we would love to see you there! All genders are welcome.

### **Career Center: Engineering Industry Internship Recruitment at UC Berkeley**

Monday, November 7, 10-11 a.m. | [Register here](#)

Join us to learn more about engineering internship recruitment at Cal! The Career Center's Engineering counseling team will provide insightful information about the process, what to expect, and conclude with a Q&A session.

### **Department presentations**

Please note that not all majors are offering presentations. You can explore each major through our undergraduate programs page.

### **Engineering Science: The Insider's Guide to Interdisciplinary Studies**

Thursday, October 27, 2-3 p.m. | [Register here](#)

This session will introduce prospective students to the Engineering Science program at UC Berkeley. The session agenda includes a presentation, and Q&A session. The undergraduate program is multi-departmental and interdisciplinary. The majors consist of closely related fields in the natural sciences, mathematics, physics, and engineering. The majors offered within the Engineering Science Program prepare students especially for advanced graduate study in engineering or the natural sciences. Engineering Sciences is comprised of four majors: Energy Engineering, Engineering Mathematics and Statistics, Engineering Physics, and Environmental Engineering Science.

### **Industrial Engineering and Operations Research (IEOR) information session**

Saturday, November 5, 10-11 a.m. | [Register here](#)

In IEOR, we invent, analyze and learn tools and approaches for design, analysis, risk management, and decision-making in complex real-world systems like supply-chains, energy systems, healthcare systems, and financial systems. Join IEOR's Professor Javad Lavaei for a talk on the IEOR department and the opportunities for those who choose this major.

## Materials Science & Engineering – Presentation, Faculty and Student Panels, and Q&A

Friday, November 4, 12–1:30 p.m. | [Register here](#)

This session is designed to introduce students to materials science and engineering and how it relates to other engineering and science disciplines, as well as meet some of our faculty. You will learn about the areas of materials science, research and career/internship opportunities. You will also learn the different career paths materials science has and what those have meant to each faculty member. There will be a brief presentation, time for a question and answer session, and panels with faculty and current students.

## Electrical Engineering & Computer Sciences Q&A

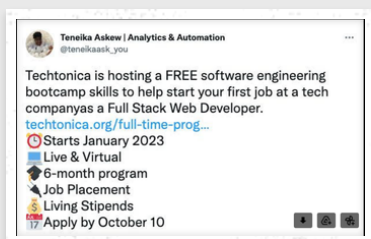
Tuesday, November 8, 10-11:30 a.m. | [Register here](#)

Prospective transfer students will learn more about the College of Engineering's EECS major and the College of Letters & Science's Computer Science major in this Q&A session with department advisers.

More information and updates available at [engineering.berkeley.edu/cc](https://engineering.berkeley.edu/cc)

Please contact [Nicole McIntyre](#), Manager of Transfer Success Initiatives, with questions and accommodation requests.

<https://engineering.berkeley.edu/admissions/undergraduate-admissions/junior-transfers/community-college-webinar-series/>



## SOFTWARE ENGINEERING BOOTCAMP – TECHTONICA

Techtonica is a free software engineering Bootcamp for low-income women and nonbinary folks in the US. Includes stipend and job placement. Applications are due on October 10th and are **especially** looking for more Latine applicants.

Special thanks to [Teneika Askew](#) for reaching out. You can find the link to sign up [here](#).

- Starts January 2023
- Live and Virtual



- 6-month program
- Job placement
- Living Stipends
- Apply by October 10



## STEM JUMPSTART

STEM Jumpstart Learning Community is a new Science, Technology, Engineering, and Math (STEM) program in partnership with the STEM Success Program, the MPS Program and UndocuSTEM. STEM Jumpstart will consist of a cohort of incoming students and provide the necessary tools to succeed in their first year as a STEM major. If you are interested in being part of this pilot learning community, please fill out the application form below.

<https://www.deanza.edu/psme/stem/inquiryform.html>

## RESOURCES

### DENTAL HYGIENE CLINIC OPEN TO STUDENTS

The Foothill College Dental Hygiene Clinic is looking for patients! Open to all registered students – must be fully vaccinated and show proof of paid student body fees.

Services include teeth cleaning, x-rays, oral cancer screening, periodontal examination, and fluoride treatment.

To make an appointment contact the dental hygiene clinic at 650.949.7335 or email [dentalhygieneclinic@foothill.edu](mailto:dentalhygieneclinic@foothill.edu).

Interest form: <https://forms.gle/LXn8q1E4C59HgUYdA>

## CLUBS & ORGANIZATIONS

If you want to get more involved and meet awesome people we highly encourage you to join a club. Clubs are not only a good way to make college life more eventful, but also a great way to find your passion and share that with like-minded people. Check out these Clubs!

The purpose of the club is to educate students on the field of artificial intelligence through discussion, research, and experimentation. We aim to create a community in which each member can pursue their artificial intelligence-related interests.

Contact Info: [ai.at.deanza@gmail.com](mailto:ai.at.deanza@gmail.com)

### **Auto Tech**

To further interest and enjoyment in the Auto Technology program and department.

Contact Info: [deanzaautomotive@gmail.com](mailto:deanzaautomotive@gmail.com)

### **Career Development**

The goal of the club is to help students to build up their job skills and to find their career paths. We have many activities and workshops that students can join like the coming event career game camp. This club will encourage students to find their interest and help them decide their major which is related to their job choice.

Contact Info: [careerdevelopmentclub2018@gmail.com](mailto:careerdevelopmentclub2018@gmail.com)

### **Developers' Guild**

The Developers Guild aims to explore Computer Science through hands-on experience. As a guild, we strive to become involved with the Silicon Valley community to connect with all the opportunities around us. Members are strongly encouraged to contribute ideas and questions to form a collaborative atmosphere.

Contact Info: [developersguildclub@gmail.com](mailto:developersguildclub@gmail.com)

### **Latinas in Bio**

Latinas in Bio is a group of students who meet weekly to discuss academic, professional, personal issues. This group meets weekly on Thursdays from 1:00 to 2:00 in MLC 250. If you are interested in being part of this organization at De Anza College, please fill out this form.

Contact info: [campbellyvette@fhda.edu](mailto:campbellyvette@fhda.edu)

### **Math Club**

The purpose of the club is to bring students who are interested in mathematics together and positively influence their math study. Besides, Math Club helps people who want to participate in AMATYC (American Mathematical Association of Two-Year Colleges) by offering them an opportunity to discuss math issues and solve difficult problems in the group.

Contact Info: [mathematicsdeanza@gmail.com](mailto:mathematicsdeanza@gmail.com)

### **Medical Outreach Association**

The Medical Outreach Association engages prospective health and medical students to explore the field through philanthropic activities and outreach in public health. Organizations that we support but are not limited to, include the Prosthetic Outreach Foundation and the Stanford – Papua New Guinea-Nepal Medical Project, a branch of Stanford Emergency Medicine International (SEMI). Joining M.O.A. provides members the opportunity to evaluate their interests in medical and health careers.

Contact Info: [deanzamoa@gmail.com](mailto:deanzamoa@gmail.com)

### **Occupational Training Institute - De Anza**

Occupational Training Institute (OTI) prepares socio-economically disadvantaged students with career training and employment services including counseling and advice, job preparation and placement while concurrently providing employers with qualified employees.

More info: <https://www.deanza.edu/oti/>

### **SACNAS**

SACNAS (Society for Advancement of Chicanos/Hispanics and Native Americans in Science) is an inclusive organization dedicated to fostering the success of Chicanos/Hispanics and Native Americans, from college students to professionals, in attaining advanced degrees, careers, and positions of leadership in STEM. We need your participation!

Please fill out this form and if you have any questions email us at [campbellyvette@fhda.edu](mailto:campbellyvette@fhda.edu)

### **Student Nurse Organization (SNO)**

Informs, guides and supports nursing students.

Contact Info: [SNOdeanza@gmail.com](mailto:SNOdeanza@gmail.com)

### **The Engineering & Technology**

The purpose of this club is to provide opportunities and aid to a prospective engineering student at De Anza and to promote the field of engineering to the community.

Contact Info: [deanzaeng@gmail.com](mailto:deanzaeng@gmail.com)

### **Women in Computer Science**

Women in Computer Science encourages the involvement of women students who study computer science or engineering majors in De Anza. Members will form projects, attend conferences, discuss computer science-related topics.



