

COLLEGE AND CAREER READINESS

MAY 2023

DIRECTOR'S MESSAGE

Hilary Dito

With everyone returning from Spring Break, CTE classes are in the home stretch. CCC ROP is excited to launch **Industry Certification Exams for ROP students**. Using YouScience, teachers can select from over 200 nationally recognized exams in all industry sectors. This program will give students the ability to earn stackable, entry-level certification to showcase their learning to prospective employers.

This is the time of year for celebrations. CCC ROP will honor 37 Students of Excellence for their achievements in CCC ROP classes. These students will be recognized on **May 9** at our annual celebration. May 1 starts teacher appreciation week. The dedication of our amazing CTE teachers is the cornerstone of our program. Thank you! We will be recognizing teachers who are moving on at the **Students of Excellence Celebration**.

Check out the opportunities for summer programs in this newsletter. Feel free to reach out to us with any questions.



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SUMMER OPPORTUNITIES

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GRANT HIGHLIGHTS

YOUSCIENCE INDUSTRY EXAMS AVAILABLE FOR ROP STUDENTS

GLADEO BAY AREA LAUNCH

Celebrate

*2023
Students of Excellence*

CAREER TECHNICAL EDUCATION / ROP AWARDS

MAY 9, 2023

PLEASANT HILL COMMUNITY CENTER

4:30 PM TO 6:00 PM

Celebrating junior and senior high school students excelling in our career pathways.
Honoring ROP educators who are retiring and/or transition from the ROP classroom

Refreshments: 4:30 pm to 5:00 pm
Award Recognition: 5:00 pm to 6:00 pm

For information or to sponsor a scholarship, contact
Hilary Dito at hdito@cccoe.k12.ca.us



CONTRA COSTA COUNTY ROP STUDENTS OF EXCELLENCE

Students of Excellence Awardees will receive a certificate of recognition and a scholarship. Awards will be presented in-person on Tuesday, May 9th, 2023.

Special thanks to our Students of Excellence Partners. These partners support CCC ROP programs and provide scholarships to CCC ROP students.

STUDENTS OF EXCELLENCE PARTNERS



Join us as we honor the following educators for their work with CCC ROP:

- Anh Nguyen, Computer Science, California High School
- John Ouimet, Automotive Engineering and Engineering, Clayton Valley High School
- Dan Hanel, Coordinator, College and Career Readiness, Contra Costa County Office of Education
- Tony Tammer, Computer Assisted Design and Drafting, John Swett High School
- Sarah Tolvtar, Sports Medicine, Heritage High School

Announced at the time of publishing

Consider Donating to our scholarship fund

Each of our Students of Excellence receives a scholarship to continue their career education. All donations go directly to student scholarships. To donate, use the QR code or [click on this link.](#)

For information about being a CCC ROP Students of Excellence partner, please contact Hilary Dito at hdito@cccocoe.k12.ca.us



DVC Hosts Educator Conference

On March 17, Diablo Valley College's Early Childhood Education Department hosted a High School Education Conference. Approximately 100 students from local high schools attended to connect their learning in Education Pathway courses with future education and careers.

The day included workshops by DVC faculty and a keynote by Dr. Francis Pearman.



As Assistant Professor at Stanford Graduate School of Education, Dr. Pearman spoke of the opportunities that educators have to shape children's lives. Dr. Pearman shared his life journey as a student and an educator and connected it to the various educational careers from teacher to superintendent. His research explores the impact of poverty and inequality on educational opportunity, sharing with the students the integral role they can have in education to build a bright world for our country.



FAA Launches Student Design Challenge

The Federal Aviation Administration's has launched the 2023 Airport Design Challenge as part of its ongoing efforts to engage with students about careers in aviation.



The challenge helps students design virtual airports using the Microsoft game Minecraft. Students grades K-12, both in the United States and elsewhere, are eligible to participate. The students, many of whom are studying science, technology, engineering, and mathematics (STEM), will meet aviation professionals and learn about the aerospace industry and STEM concepts and careers.

For more information and to register visit: www.faa.gov/adc

Antioch HS KROR Panther Radio Now Streaming



Students in CCC ROP's Web and Social Media class are streaming on Radio Garden.

Student radio productions for Media Tech are now a pin dot on the world stage with Radio Garden. Just go to the app, use the type search for KROR, and it will automatically navigate to our station location. Zoom in and you will see the football field and rooftop of the school. Antioch High School is the only station representing the entire East Contra Costa County. **Take a listen.**

Contra Costa Adult School Students Earn College Credit With CTE Computer Course



Contra Cost Adult School's Computer ROP classes provide students with valuable career and technical education that allows them to enter the workforce with skills and competencies to be successful, pursue advanced training in postsecondary educational institutions, or upgrade existing skills and knowledge. The class provides rigorous and high-quality training that prepares students for post-secondary education and strengthens employability skills. CCAS has

an articulation agreement with Los Medanos Collage, which supports post-secondary transition. The CCAS course curriculum is aligned with the CCCOE benchmark objectives. Students receive certificates for demonstrating competency in Windows Operation Systems, MS Word, PowerPoint, and Excel. **Forty-six students have been enrolled in the program so far this 2022-2023 school year, with 19 students reaching one or more course objectives.**

Share your CTE story and highlight your great work

Submit your CTE news at bit.ly/cccropnews. Help us celebrate the amazing CTE students, educators, and programs!



CTSO State Leadership

CCC ROP Students Shine At State

Las Lomas HOSA move on to International Leadership Conference

45 LLHS HOSA Students competed in the CAL HOSA State Leadership Conference in Sacramento, March 23-25.



These students placed in the **top 10 in 7 events** (Biotechnology, Dental Science, Pharmacy Science, Veterinary Science, Organizational Leadership, Prepared Speaking, Biomedical Debate) and **3 Health Related exams** (General Chemistry, Physics College, and Microbiology). In addition, 8 students were recognized for medically related volunteer work in the amounts of 200-300 hours in the past year!

12 students will travel to HOSA International Leadership Conference in Dallas Texas in June! They will compete in the Following events: Anatomage Tournament, Biomedical Debate, Biotechnology, Chemistry, Microbiology, Physics, and Prepared Speaking.

Alhambra HS Wins at State SkillsUSA

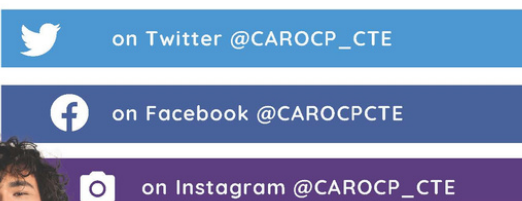
8 Alhambra high school students competed in the SkillsUSA State Championships in Ontario California. Students competed in Cabinet Making, Automotive Service Technology, Job Interview and Diesel Service Technology. We are delighted to announce that Riley Kolb took the gold medal in Automotive Service Technology and will be traveling to Atlanta Georgia to represent the State of California for the SkillsUSA National Championships in June! Way to go Riley!



Follow Us on Social Media!



Follow us on social media and check out our new pages - They're the perfect place to learn more about CTE and connect with other CTE educators! **Don't forget to tag us! #CAROCP**



on LinkedIn @CAROCP

CAROCP.COM

Scan the QR code to visit us on Facebook, Instagram, LinkedIn, Twitter, and our website!!



Contra Costa County

Adult Education CAREER EXPOSITION

Learn about career training programs that are either free, low cost, or eligible for funding.

**Wed, May 3rd, 2023
10am-2pm**

**Martinez Adult Education
600 F Street Martinez CA**

Register to attend today!

Scan the QR Code
or call 925-335-5890



Meet employers that hire graduates from these training programs:

Health Care

Certified Nursing Assistant
Dental Assistant
Medical Assisting
Optical Assistant
Pharmacy Technician
Surgical Technician

Public Service

Dispatcher
EMT
Paramedic
Peace Officer
Training

Trades

Electrical
HVAC
Welding
and More...

Culinary



Student Opportunities

While some deadlines have passed, there are still many opportunities for camps, internships, college courses and other opportunities for high school CTE students this summer, including the **Cyber Camp** here at CCCOE.

Diablo Valley College is offering a wide variety of **summer courses** for high schoolers including in **animation**, business, **cybersecurity**, **engineering**, health careers, culinary, biotechnology, music, public safety, and robotics. **Contra Costa College** will also be offering courses in biotechnology and cybersecurity. In the **Peralta district**, all colleges will offer summer institutes for career exploration, and **Berkeley City College** has high school in animation, video production, **ecology**, and a teacher prep internship.

Local healthcare internships still open include Illumina Genomic Discoveries, Kaiser Permanente, American Red Cross, and UCSF's ImmunoExplore program.

For more information on these or any other summer opportunities, please contact Nick Morgan at nmorgan@cccoe.k12.ca.us



CYBERSECURITY SUMMER CAMP 2023

Contra Costa County ROP, in partnership with Bay Cyber League (BCL), will host an **Introductory Cybersecurity Camp** at CCCOE. This camp is open to students at **no-cost**. Camp will run from 9:00 am to 3:00 pm, July 10 to 14.

Join us in Pleasant Hill to engage in cryptography, digital and network forensics, and more.

For information visit www.baycyber.net. Additional dates, locations and advanced camps are also available. **Space is limited.**



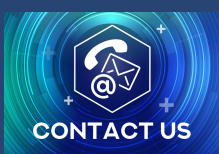
The most important event for career and technical educators, ACTE's CareerTech VISION happens November 29 to December 2 in Phoenix, Arizona. CareerTech VISION will provide unparalleled networking, concurrent program sessions covering best practices in CTE. Learn more and register at www.careertechvision.com

CALL FOR PRESENTERS



CTE CONFERENCE
PALM SPRINGS
NOVEMBER 15-17

Showcase your model programs, effective practices, and experiences at the 2022 CTE Conference. Applications for presenters are now being accepted. **Apply before August 4.** Breakout sessions are 60 minutes. Find out more and apply at www.cteconference.org



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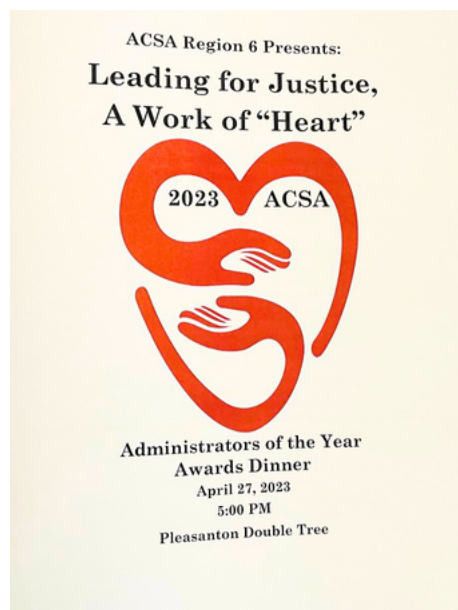
Antioch Educator Recognized As Educator Of The Year At JA Business Hall Of Fame Event

Antioch USD Work Based Learning Coordinator, Kendra Ebinger, was recognized by Junior Achievement of Northern California on April 21. JA NorCal's Business Hall of Fame honored Educators and Volunteers for their impact on JA's mission to empower students toward greater economic success.

CCC ROP is proud to work with both JA Nor Cal and Antioch USD to support CTE programs with a focus on work-based learning and connecting classroom curriculum with experiences. Kendra is an integral part of the CCC WBL Community of Practice collaborating with schools throughout our county. Congratulations!



CTE Leaders Recognized By ACSA Region 6



Region 6 (Alameda and Contra Costa Counties) Association of School Administrators (ACSA) recognized Educational Leaders at the 2023 Administrator of the Year dinner on April 28. Three Contra Costa County CTE Leaders were recognized for their dedication and achievements in Career Technical Education.

Congratulations to:

Jeff Brauning, Contra Costa COE (Region 6 Winner)

Heather Fontanilla, Mt. Diablo USD

Ariel Kirshenbaum, West Contra Costa USD

These leaders work to ensure that all students have high quality CTE programs and experiences. From developing programs including Construction Pathways to Middle College, supporting teachers, and creating opportunities for student work-based learning, CTE administrators are a key role to access for all students. Congratulations on your recognition!





human energy

CHEVRON ROP PROGRAM STARTS AUGUST 16!

Registration is open from July 25 to August 5 for the Fall 2022 CCC ROP's Process Plant Operator class. The 18- week program runs from August 16 through December 15. This course will help students prepare for an entry level operator job in the petrochemical and related industries.

Curriculum includes:

- Job Safety
- Plant Processes and Equipment
- Communication and Teamwork
- Piping and Heating Systems
- Instrumentation
- Industry-related Math and Science



Students must meet the following criteria:

- At least 18 years old
- Possess a high school diploma or GED
- Pass a basic math and reading comprehension assessment (To be scheduled)
- Have a valid CA driver's license

There is no cost to the students for this program. To register or learn more, please visit [our website](https://www.cccoe.k12.ca.us) or contact Jeff Brauning at Jbrauning@cccoc.k12.ca.us

Spring into CS 2023

March 20-23 CCCOE was one of ten county offices of education participating, with Earn & Learn in Spring into CS week. Teachers and students from across Northern California participated in live virtual sessions with panels of industry experts in not only computer science, but other fields to talk about how computer science affects their industry.

Highlights included a demonstration of IBM's SkillsBuild program, representatives from Blue River Tech on how computer programs and AI are making agriculture more sustainable, BioCOM California on how CS is helping healthcare through genomic sequencing, Epic games on how games like Fortnite are created, and a drone scientist on the many uses of drones. The week ended with a professional development session for teachers hosted by the industry representatives.



Over the course of the week an estimated 1200 teachers and students joined the sessions. Earn & Learn has also made recordings available for future use, and connections were made for future collaborations for sector events across counties.

CCC ROP Grant Highlights

CCC ROP receives CTEIG, K12 SWP and CAI Grants for sustaining and expanding programs

CCCOE CCC ROP program leads a consortium of districts to sustain, strengthen and expand Career pathways throughout the region. For almost 50 years, CCC ROP has worked with teachers, administrators and community partners to provide high quality CTE programs for students. The consortium has secured funding for the 2023-2024 school year to continue offering over 265 sections of ROP classes in 23 high schools through the CTE Incentive Grant (CTEIG) and the K12 Strong Workforce Program (K12 SWP). CCC ROP was awarded three grants from K12 SWP in the fifth round of funding. This follows on ten successful K12 SWP grants from rounds 1-4. This new funding will support 15 Local Educational Agencies including districts, charter schools and CCCOE's court and community schools.

The three grants will focus on the following programs:

- Equitable Access to CTE Pathways for Alternative Education Students
- Leveraging Economies of Scale to Provide Equitable Access to CTE Pathways and Work-based Learning
- Preparing the Next Gen Teachers: Starting the Teacher Preparation Pipeline

These grants will fund new courses, teacher professional learning, and student experiences of the next two years. In addition to these grants, CCC ROP will be leading a **California Apprenticeship Initiative Grant (CAI)** in partnership with Contra Costa Community Colleges and the East Bay YMCA. Students in the apprenticeship program will earn college credit and experience on-the-job training to earn a Assistant Teacher certificate, propelling them forward in the education career pathway.

This work is all possible by partnerships with Districts and Sites, Community Colleges, Community and Business Partners, and the CCCOE team.



Earning Industry Certifications is a measure of a High Quality CTE program. Standardized certificates showcase the knowledge that students have acquired in their CTE course. Recognized certification can lead to employment and additional post-secondary training. Increasing the number of students earning industry certifications is a goal of CCC ROP's programs.



CCC ROP is excited to announce access to Precision Exams through [You Science](#). Precision Exams offer students entry- to mid-level certifications that act as tangible proof of their skills and knowledge. Proof that helps them enter the workforce or skip entry-level college courses, gain preferred hiring status, or earn a wage increase.

Teachers can choose from 200 exams in different Industry Clusters. Exams include 21st Century Success Skills, Engineering Principles, Biotechnology and more. Check out the [Certificate catalog here](#).

Access is available through the end of this school year. Please contact your CCR Coordinator if you are interested in having your students participate in an exam for your ROP course.

Gladeo Bay Area!

Gladeo is a new career exploration tool for the Bay Area. Unlike other platforms, Gladeo contains information about both K12 pathways and their local postsecondary connections. It contains interest assessments, videos on careers, and links to local community college, university, and adult education and trade program. Gladeo is free, so check it out at bayarea.gladeo.org

For more information or to schedule a demonstration of Gladeo, contact Nick Morgan at nmorgan@cccoe.k12.ca.us

A promotional graphic for Gladeo Bay Area. It features a laptop displaying the Gladeo website. The text on the graphic reads: 'Wanna learn about careers in the SF Bay Area? Visit Gladeo Bay Area'. Below this, it says: 'Take a career quiz, watch videos, learn about exciting, in-demand careers, find programs and resources. For free. Online.' At the bottom, there is a star logo and the URL 'BAYAREA.GLADEO.ORG'. Logos for BACC Bay Area, California Community Colleges, and Gladeo are also present.

Wanna learn about careers in the SF Bay Area?

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Take a career quiz, watch videos, learn about exciting, in-demand careers, find programs and resources. **For free. Online.**

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