

# CTE DISTANCE TEACHING AND LEARNING

## QUARTERLY NEWSLETTER SUPPORTING CAREER TECHNICAL EDUCATION

**MAY 2021**

### **NEWS AND UPDATES**

The 2020-21 school year is coming to a close and summer is in the horizon. We have seen some incredible transformation in CTE programs and want to celebrate all of the hard work you have put into making this year a success for your students, despite the numerous obstacles that have presented themselves. This newsletter is full of information and resources that we hope will be useful to you as the year ends and planning for 2021-22 begins.

### **FREE TOOLKITS**

[Redress Fashion Education Toolkits](#) for teachers and students

[Lawrence Hall of Science's free climate science activities](#) with Marine Activities, Resources & Education center

[Edge Factor's Indigenous Skilled Trades Toolkit](#) with 5 days of stem, media and activities



### **PARTNER WEBSITES**

- [Advance CTE](#)
- [Association of Career and Technical Education \(ACTE\)](#)
- [CTE Online](#)
- [California CareerZone/Career Explorer by State](#)
- [California Career Resource Network \(CalCRN\)](#)
- [California Dept. of Education CTE Resources for Distance Learning](#)
- [COVID-19 CTE Resources - San Diego County Office of Education](#)
- [OTAN Outreach and Technical Assistance Network](#)

### **CURRICULUM, CONTESTS AND STUDENT OPPORTUNITIES**

#### [KQED Youth Media Challenges](#)

Now aligned with CTE standards, the Youth Media Challenges engage student voice and give them an authentic audience for their work.

[Autodesk Fusion 360 Student Design Challenge](#) Design a product that helps with organization

[Solid Professor Engineering Design Challenge and 2021 Skill Summit](#).

Check out the resources for students and teachers

### **OPPORTUNITIES FOR EDUCATORS**

#### [Harbor Freight Tools for Schools](#)

The 2021 Harbor Freight Tools for Schools Prize for Teaching Excellence will award \$1 million in prizes to public high school skilled trades teachers and programs in the U.S. Apply today, or forward this email to a deserving teacher.

[ACTE's Innovation Summit](#) will feature a number of leading experts from companies including Google, Facebook and Amazon. Learn about changes happening in the workplace fueled by innovative technologies

[Project Invent](#) is a national nonprofit empowering high school students to invent for social good. Applications for are now open for the 2021-2022 school year. Learn how to use design thinking, engineering, and entrepreneurship and teach students to tackle big problems in their communities.

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# SHOWCASING AND ASSESSING STUDENT WORK

As you head into the end of the year, consider ways to assess student work in a meaningful way. In CTE we know that building skills and learning the process IS the objective, so finding ways to assess students outside of a "test" is essential. Check out this [infographic](#) for ideas, or watch this [webinar on authentic assessment](#). Remember to follow student privacy laws and district policy. Obtain parent permission before including student work in a public online space.

## SHOWCASING STUDENT WORK: EXAMPLES FROM THE FIELD

### Create an online showcase or display portfolios

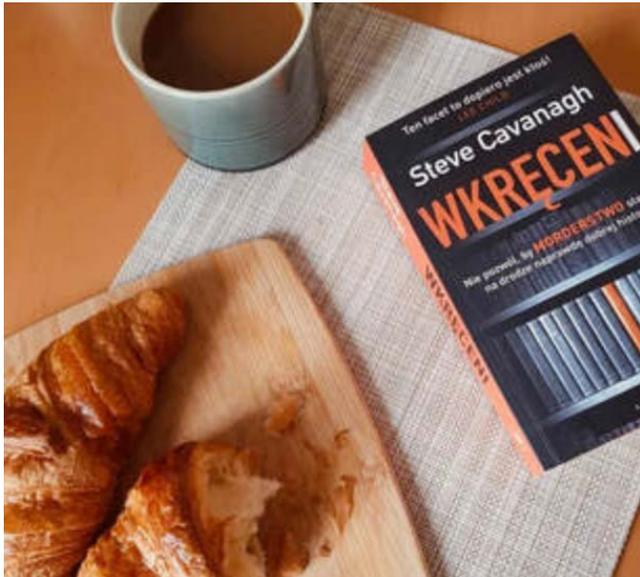
Tony Claudio, from Sweetwater UHSD uses Padlet to showcase student work in his ["Making Pies with Python" project](#).

Humboldt COE created a [Industrial Technology Showcase Virtual Slideshow](#)

Peter Wachtel at Adolfo Camarillo High School showcases [industrial design portfolios](#)

Kathy Hopp in Santa Clara showcases culinary arts work on her [website](#) and [Food Photography](#) page!

[LAUSD ePortfolios and Linked Learning Portfolio Defense - resources & examples](#)



### Virtual Presentations & Videos

Sharon Maley in Sweetwater UHSD produced full length films with her Drama students including [Murder at the Manor](#) and [Family Treasures](#)

Oakland School for the Arts Vocal Rush Presented a Zoom Performance of ["Rise Up"](#) by Andra Day

Alisha Carlin's students in Capistrano and Laguna USD share their [virtual before and after up-cycled clothing fashion show](#).

### Industry Engagement

Work with your advisory members or local businesses!

[Merced UHSD Health Students support vaccination clinic](#)

Santa Clara culinary students offer reviews to support their favorite businesses during COVID through their ["Order Please"](#) initiative.

### Socially Distanced Advisory Exhibition

As you host end of year meetings for your advisory or district leaders, consider having tables highlighting the work of various pathways. Record video or capture pictures to create a virtual showcase!

### Leverage Social Media

Showcase student work year round using Twitter, Instagram or other social medial platforms.

[Oceanside HS Photography on Instagram](#)

[Mr. Jarrett's Building and Construction Trades](#)

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# BLENDING LEARNING BEST PRACTICES

## BLENDING LEARNING MODELS

As schools reopen in a hybrid format across the state, teachers are expected to serve some students in-person and others through virtual interaction. While we understand some hybrid formats are not conducive to implementing student-centered instructional design, we hope that these definitions, courses and resources [from Dr. Catlin Tucker](#) will help spark ideas about all of the possibilities with blended learning in the hybrid CTE classroom.

### THE FLIPPED CLASSROOM

Instead of spending synchronous class time listening to a teacher talk, students have on-demand access to instruction, explanations, and models via video and spend synchronous time practicing, applying, and engaging the learning community.

#### BENEFITS OF FLIPPED CLASSROOM

- Allowing students to control the pace at which they consume and process new information by pausing, rewinding, or rewatching a video
- Providing on-demand support as students learn in class or online
- Increasing accessibility

### THE PLAYLIST

Strategically sequenced learning activities that mix learning modalities, flexible pacing, and media, combine online and offline tasks, and create opportunities for teachers to meet with individual students.

#### BENEFITS OF PLAYLIST

- Varying pacing and types of tasks to keep engagement high
- Balancing online and offline learning tasks to a break from the screen
- Building in teacher-checks
- Prioritizing “voice and choice” with meaningful choices about how students engage with information, work through tasks, and demonstrate their learning

### WHOLE GROUP ROTATION

Students rotate between online and offline learning within the classroom environment

#### BENEFITS OF WHOLE GROUP ROTATION

The benefits of the whole group rotation include:

- Weaving online elements into the whole group setting
- Creating time for the teacher to work with an individual or small groups of students when groups are collaborating offline or students are working individually online
- Keeping student interest and engagement high by varying the tasks

### THE STATION ROTATION MODEL

Students rotate through series of stations, or learning activities. Typically, there is a teacher-led station, an online station, and an offline station. The total number of stations depends on various factors.

#### BENEFITS OF STATION ROTATION

- Creating smaller learning communities within the larger class
- Dedicating time for the teacher to work with small groups of students
- Differentiating instruction
- Focusing on critical thinking, communication, collaboration, and creativity
- Giving students a higher degree of control over the pace they move through new information or navigate tasks

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# BLENDING LEARNING BEST PRACTICES

## BLENDING LEARNING DEFINED

Blended learning is the combination of active, engaged learning online combined with active, engaged learning offline to provide students with more control over the time, place, pace, and path of their learning. There are a variety of blended learning models and each gives students a different degree of control over the time, place, and path of their learning. The rotation models described below are the most frequently used in traditional school settings and are flexible enough to work entirely in the classroom, online, or a blend of the two.

## ADDITIONAL BLENDING LEARNING RESOURCES

[Blended Learning Universe](#)

[Edutopia Blended Learning](#)

### Applied Education Systems:

[Top 7 Blended Learning Strategies for CTE](#)

[Advantages for Blended Learning in CTE](#)

## DR. TUCKER'S RECENT BLOGS ON BLENDING LEARNING

[The Why, How, and What of Blended Learning](#)

[Universally Designed Blended Learning](#)

[Blended Learning: The Whole Group Rotation](#)

## MAKING THE SHIFT: DR. TUCKER'S BLENDING LEARNING COURSES FOR TEACHERS

### [Getting Started With Blended and Online Learning](#)

This course guides teachers through the process of designing and facilitating student-centered blended and online learning experiences. Teachers will learn how to design units, create effective video content, engage learners in online discussions, and build a dynamic learning community. This course will provide instructional models, technology tools, and engagement strategies for blended and online learning environments.

### [Advancing with Blended and Online Learning](#)

This advanced blended and online learning course provides teachers with a deep dive into planning and facilitating learning for a variety of teaching and learning landscapes. There is also a bonus lesson at the end of each module that specifically addresses how the strategies and models can be used in a concurrent classroom in which teachers are juggling a group in class and a group online simultaneously.

## ABOUT DR. TUCKER

Dr. Catlin Tucker is a bestselling author, international trainer, and keynote speaker who earned her doctorate in learning technologies from Pepperdine University. She works as a blended learning coach, education consultant, and professor in the Masters of Arts in Teaching program at Pepperdine University, and has written a series of bestselling books on blended learning.

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# CAREER EXPLORATION NEWS AND UPDATES

## RESOURCES FOR MEANINGFUL CAREER EXPLORATION

The California Career Resource Network (CalCRN) program in the California Department of Education (CDE) is a program established in California *Education Code* Section 53086 to distribute career information, resources, and training materials to middle school and high school counselors, educators, and administrators to ensure they have the necessary information to teach students effective career self-management skills. The CalCRN resources are free to use for educators and students, the [Career Readiness Resources guide](#) provides overviews of all CalCRN resources including the:

- [California CareerZone](#), a comprehensive career information delivery system
- [Career and College Readiness Lesson Plans](#), lessons for grades 5-12
- [California Career Center](#), virtual counselor with Career Action Plan creator
- [My Stuff Job Central](#), resume, master job application, and business letter creator
- Career Surfer mobile app, career exploration tool
- My Stuff CAP mobile app, career action plan creator
- My Stuff Job Central mobile app, resume and master job application creator

## ADDITIONAL FREE CAREER EXPLORATION RESOURCES

- Roadtrip Nation's [Educational Resources for Teachers](#) and Parents page contains documentaries with viewing guides and project-based lesson plans for The Roadtrip Nation Experience.
- [California Colleges](#) provides a free site open to any California student or educator.

## NEW: ASVAB SCORES SUBMITTED TO CALPADS

Beginning this spring, the CDE is requesting that local educational agencies (LEAs) submit the highest individual student ASVAB Armed Forces Qualification Test (AFQT) scores that students received during the academic year.

Details on the ASVAB Reporting system are available on the [ASVAB Instructions for Data Collection and File Upload web page](#)

**ASVAB CAREER EXPLORATION PROGRAM**

### Guiding the Path to Success

The tools you need to guide students along the path to college and career readiness

In the past five school years, over 3.4 million students explored careers through the ASVAB Career Exploration Program (CEP). With over 13,000 schools testing annually, the ASVAB CEP is a valuable component of career programs across the nation.

#### Career Exploration with the ASVAB CEP

ASVAB Career Exploration Program can help your students make the best choices. Students who participate in the ASVAB Career Exploration Program experience less career indecision and enjoy greater confidence in their career decisions.

- 8 on P&P**  
**9 on iCAT**  
The number of skill areas tested by the ASVAB
- 90**  
The number of items on the Find Your Interest (FYI) Inventory
- 1000+**  
The number of occupations you can explore through ASVAB OCCU Find

**ASVAB CEP and Military Service**

The ASVAB Career Exploration Program is managed by civilian educators. While the ASVAB CEP supports military recruiting, participating students are under no obligation for military service. Only 18 percent of students participating in the ASVAB CEP are considering the military services as a career path, while a majority of students using the program intend to pursue post-secondary education.

**INTENDED CAREER PATHWAY:**

- 45% intend to go to a four-year college
- 8% intend to go to a two-year college
- 2% intend to go to a technical school
- 18% intend to go into the military
- 3% intend to enter the workplace
- 25% are undecided

**To Dig Deep Into Career Exploration, Try Career and Technical Education!**

6 in 10 CTE students are planning to pursue a career in the CTE area they are studying, and students who aren't going to continue in the same field are gaining valuable information about their preferences before taking on tuition costs and loan debt.

To bring the ASVAB CEP to your school, visit [www.asvabprogram.com](http://www.asvabprogram.com).

Please contact [theodore.l.hagert.civ@mail.mil](mailto:theodore.l.hagert.civ@mail.mil) for research references.

**ACTE** Association for Career and Technical Education  
1410 Ring Street, Alexandria, VA 22304  
P: 800-856-9975 / F: 703-687-7424  
[www.actelearning.org](http://www.actelearning.org) | Connecting Education and Careers

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# ASSOCIATION FOR CAREER TECHNICAL EDUCATION (ACTE) NEWS AND UPDATES

## ACTE RELEASES NEW COVID-RELATED PUBLICATIONS

ACTE recently released two publications related to the COVID-19 pandemic, one released in March that focuses on creating opportunities for innovation in CTE program delivery, titled [High-quality CTE During COVID-19: Challenges and Innovations](#), generously sponsored by MajorClarity. A second publication released in May focused on funding issues, titled [High-quality CTE During COVID 19: Leveraging Federal Relief Funds at the Local Level](#)

## NEW BRIEF: CONNECTING SEL LEARNING TO CAREER SUCCESS

Social Emotional Learning (SEL) is gaining traction within schools, particularly as research demonstrates an increase in overall well-being and lifelong benefits. Social-emotional skills can be learned, taught, and interwoven and prioritized in CTE programs. This Xello-sponsored brief, the latest in its Student Career Development series, is now available.

[Read more](#)

[View the SDCOE presentation](#)

## NEWS AND UPDATES!

### Board of Directors Election

Interested in serving the association as a member of the Board of Directors? Applications for open positions are due June 15. For more information, please see the guidelines for the Board of Directors Nominations.

[Learn more](#)

### EARLY BIRD REGISTRATION FOR HYBRID VISION IS OPEN

The most important event for career and technical educators, ACTE's CareerTech VISION happens Dec. 1-4 in New Orleans, Louisiana.

Featuring keynote speakers Kevin Brown, author of The Hero Effect®: Being Your Best When It Matters the Most, and Anne Grady, entrepreneur and author of Mind Over Moment: Harness the Power of Resilience, VISION will provide unparalleled networking, concurrent program sessions covering best practices in remote, hybrid and in-person programming.

[Learn more and register](#)

## UPCOMING INNOVATION SERIES WEBINARS

### Pivoting to Practice:

Making Your Work-based Learning Experiences Meaningful on June 8 at 2:00 p.m. ET

[Learn more](#)

### NEW CTE LEARN ADVOCACY AND PERKINS COURSES:

#### Spending and Managing Carl D. Perkins Grant Funds

introduces participants to the federal rules that govern the spending and management of Perkins funds. [Learn more](#)

#### CTE Advocacy: Policymakers and the Press

provides education professionals with the background, skills, and know-how to successfully advocate and promote their CTE programs to both the press and policymakers at the local, state and federal levels. [Learn more](#)



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# ADULT EDUCATION NEWS AND UPDATES

## IET DESIGN CAMP

The California Department of Education's Adult Education Office is excited to announce that we have been selected to participate in the nationwide Integrated Education and Training (IET) Design Camp that will be held in Fall 2021. The Design Camp is being offered by the Enhancing IET Opportunities for Adults technical assistance project, which is sponsored by the Office of Career, Technical, and Adult Education (OCTAE) at the U.S. Department of Education in an effort to increase the number of states and local programs delivering high-quality IET programs, while supporting those already implementing IET programs. The Design Camp is intended to help state and local adult education providers better plan, design, implement, and assess effective IET programs.

The California team will consist of six members, including two local Adult Education provider teams and two state representatives of Adult Education:

- Campbell Adult and Community Education
  - Usha Narayanan, Director
  - Kirti Venkatasawmy, Curriculum Specialist/Instructor
- Torrance Adult School
  - Wayne Diulio, Director of Adult Education
  - Ryan de la Vega, Resource Teacher for ESL
- Adult Education Office
  - Carolyn Zachry, Administrator/State Director
  - Cory Rayala, Education Programs Consultant

## CHECK OUT THE SKILLRISE INITIATIVE FROM ISTE AND OTAN!



### Outreach and Technical Assistance Network | Curriculum Offers | ISTE's...

OTAN is leading California adult education with the integration of technology into the...

 [otan.us](http://otan.us)

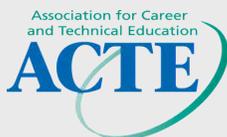
[SkillRise](#) is an initiative of the International Society for Technology in Education (ISTE). We help organizations empower adult learning with educational technology.

## REPORTING FOR PERKINS AND CTE IN TOPSPRO ENTERPRISE

For all CTE classes, mark A22 and/or CIP Code for all CTE Class Definitions. Then mark Special Programs = Perkins at either the Class Instance or Student level for all students eligible for Perkins reporting. All of these students will be part of the EDD data match for employment so provide SSN if possible.

- Marking both CIP and A22 is best for reporting.
- If you can only do one or the other, mark A22. If you only have the CIP and not the A22, do not worry! Marking the CIP is better than nothing.

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# CAREER TECHNICAL STUDENT ORGANIZATION (CTSO) NEWS AND UPDATES

## CTSO TOOLKIT

Please consider adding a CTSO to your program(s) if you are not already involved! The leadership, civic awareness, and learning through a CTSO will take your program from excellent to exceptional. High quality CTE (HQCTE) is the goal - ensuring that students are experiencing, learning, and growing toward being independent, competent, highly skilled and highly paid contributors to society. CTSO's are a great avenue to get our students there.

This [CTSO Fact Sheet](#) includes information on the 6 CTSO's endorsed by the California Department of Education. Each CTSO has a State Adviser and accompanying support staff to assist in starting a CTSO at a school site.

The actual steps for affiliation may differ by CTSO; however, the following requirements for affiliation are consistent across the board.

They are:

- A CTE pathway be offered at the school site that aligns with the desired CTSO.
- A CTE credentialed teacher who teaches in the pathway serves as the primary adviser for the chapter
- Students be enrolled in or previously completed the pathway to be considered active members

Please refer to the CTSO Fact Sheet for definitions of each CTSO along with contact information. In addition, each CTSO has a dedicated website where the latest information will be posted. As this newsletter is being written CTSO's are actively planning for the 2021-22 school year.

Thank you,

Molly Anderson,

DECA and FBLA State Advisor, California Department of Education

## CTSO ENGAGEMENT AND EXAMPLES OF STUDENT WORK

Engage students in leadership opportunities through CTSOs and Student Competitions.

[CalAg Career and Leadership Development Events](#)

[Skills USA gives students a chance to shine](#)

[California Skills USA Opportunities](#)

[FBLA Competitive Events](#)

[FCCLA STAR Events](#)

[DECA Competitive Events](#)



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# SUMMER EXTERNSHIPS AND EXTENDED LEARNING OPPORTUNITIES FOR CTE PROFESSIONALS

## ARTS, MEDIA AND ENTERTAINMENT INSTITUTE

This year's Arts, Media and Entertainment Institute is hosting a series of industry conversations, workshops, and virtual teacher externships and extended learning opportunities on **June 21-23**. Registration is open nationally for any teacher, administrator across industry sectors. [Register while there are still spots!](#)

### EXTERNSHIPS AND EXTENDED LEARNING OPPORTUNITIES

Audio Production and Engineering with world renowned engineers from Pensado's Place



Live Event and Production Restart with the Center Theatre Group



Visual Effects in Live Action and Animated Film with the California Film Commission and International VFX Society



Digital Storytelling with the Otis School of Art and Design



Art Preparation and installation with Los Angeles County Museum of Art



Social Emotional Tools for connection and self expression with UCLA Arts and Healing



Using Media and Communication to Create Inclusive School Communities with USC's Critical Media Project



Developing a Site-Specific Production with Bandaloop



Prop and Costume Making with USITT



Animation and Storytelling Externship with Nickelodeon



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