

CTE WEEKLY BULLETIN VOLUME I - MARCH 2021

HOUSTON INDEPENDENT SCHOOL DISTRICT

The poster features a large magnifying glass held by a blue silhouette of a person wearing a graduation cap. The magnifying glass focuses on the event details. The background is light blue with various circular icons representing different career paths like law, engineering, healthcare, and education. The text is in green and blue, with a green banner for the event title.

SENIORS TO SUCCESS 2.0
QUEST FOR EXCELLENCE
VIRTUAL HIRING EVENT
March 04, 2021
12-2 PM

MAGNIFY YOUR POTENTIAL!

Are you ready for the workforce?

- If not, join us and learn strategies and tools for success.
- If you are, join us to meet employers and learn of job openings.

HISD
Career Readiness
LEARNING TODAY.
EARNING TOMORROW.



Student Registration is required.
A link for the TEAMS meeting will be sent after registering.

For more information, email Carolina Cano: ccano@houstonisd.org or Echos Blevins: echos.blevins@houstonisd.org

The virtual town hall hiring, Seniors to Success 2.0, has been rescheduled for Thursday, March 4, 2021 from 12:00pm - 2:00pm and [student registration](#) is required. A link for the TEAMS meeting will be sent after registering. For more information, email Carolina Cano at ccano@houstonisd.org or Echos Blevins at echos.blevins@houstonisd.org.

ATTN: Principals & CTE Administrators - (March CTE Teacher of the Month)

Please nominate one CTE teacher from your campus. The CTE teacher nomination is due by Thursday, [March 25, 2021](#) of next month. You may only submit one submission each month. Click [HERE](#) to submit your CTE Teacher of the Month nomination.

Virtual Industry Speakers

Audience – Arts, Audio/Video Technology, and Communications

Our CTE Career Advising Team still has an exciting opportunity for your students to engage with industry professionals from the iHeart Media company during your class! These industry professionals are excited to speak to students interested in radio, production, media, and more. Please enter and complete the following using the link to sign up for a virtual speaker. Click [HERE](#) to sign your students' up for a virtual speaker.

CTE Teachers, you will need to include the following information:

(Please keep in mind a minimum of two weeks advance notice is required)

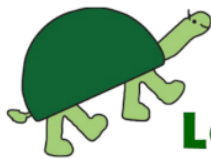
- ★ Select a date: [now – April 2021](#)
- ★ Timeframe or class period time
- ★ Your name as a contact person
- ★ Your email
- ★ The approximate number of students (Primarily for seniors and juniors)

They will currently discuss a little about their company, their occupation, what it is like day-to-day, how to get started in the industry, and what are some of the other careers in the industry. If there are any other specialized areas of interest, please add it.

Once you have submitted the requested information, we will coordinate to confirm your requested date. Please allow for 5 business days; after that, then you will receive an email with additional information stating if your requested date has been approved.

[Please click HERE to submit your requested dates well in advance to take advantage of this opportunity!](#)





LOGO SUMMER INSTITUTE 2021

a virtual immersion in creative computing for K12 teachers, parents, and technology integrators.

July 26 - August 6, 2021

REGISTER NOW

For more than 40 years, The Logo Summer Institutes have offered a relaxed atmosphere with small groups of colleagues and a great deal of personal attention from experienced workshop leaders. In 2020, this annual workshop was transformed into a virtual experience, conducted via Zoom and online discussion groups. Although we did miss being together for an in-person, shared learning experience, the virtual format had some advantages. We were able to offer reduced registration fees, no travel expenses, and a more flexible schedule. People were able to attend from anywhere in the world. With continued uncertainty around the Covid-19 pandemic, the Logo Summer Institute will be virtual in 2021.

The Logo Summer Institute offers:

- ★ a project-based approach that supports computational thinking, and STEAM learning and teaching.
- ★ an individualized program that accommodates novices as well as more experienced participants, teachers of different subjects, those who teach in after-school programs and other informal settings as well as in classrooms, and teachers who are currently working in virtual classrooms.
- ★ a model of how to organize teaching and curriculum; this year with an emphasis on remote teaching and learning strategies.

The Logo Summer Institute approach to teaching and learning is progressive and learner centered. This means that we accommodate the interests, learning style, and needs of each participant so whatever your educational philosophy and teaching circumstances, your Logo Summer Institute experience will be tailored to your personal and professional requirements.

HOUSTON INDEPENDENT SCHOOL DISTRICT

Career Tip TUESDAY



Stand out from the crowd.
You ARE a competitive job applicant!

Students: Join us every 2nd and 4th Tuesday for a mini lesson watch party to help prepare you for a career!
<https://tinyurl.com/hisdCareerTipTuesday>

Learn from expert professionals and educators!

MARCH 2021 TOPICS:



Job Search
Platforms



Ready to Work?
Graduate with Top
Industry Certifications!

HISD | Career Readiness
LEARNING TODAY. EARNING TOMORROW.



CareerReadiness@HoustonISD.org



@HISDCTEadvisors



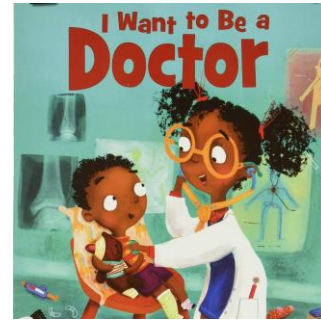
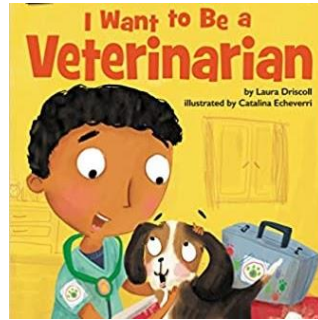
@hisd_cte_advisors



HISD CTE Career Advisors

Click [HERE](#) to join the mini lesson watch party to help prepare your students for a career!

It's Story Time!



The Career Readiness Department invites our elementary family to [join us](#) for "Story Time," our new interactive hour where students can engage in Career Ready concepts and conversations. Lessons and activities will be available for continued at-home exploration. Sessions are hosted on Teams. Click [HERE](#) for Career Ready Wagon Story Time links, dates, and times!

[Career Scouts](#) is a new Career Ready initiative that promotes virtual career exploration for elementary grades 3rd through 5th. Troop Members can earn Career Ready merit badges at their own pace by completing and submitting Career and Technical Education cluster activities. Activities will guide students through the 16 career clusters and pathways offered in HISD. For every four badges received, scouts will graduate to the next Career Ready level. Four levels in total for a total of 16 badges to obtain the title of Senior Scout. Every week a, "Scout of the Week" will be selected and highlighted. Enrollment and activities are free to everyone. [Join today!](#)
Lessons Coming Soon!

For more information, please email Echos Blevins:
echos.blevins@houstonisd.org



WORDForce: Digital Adventures to Strengthen Early Literacy

March 4th, 2021

3:30 PM – 4:30 PM

OneSource Session #1449037

via Microsoft TEAMS

EVERFI's 15 interactive games in WORDForce help students build their literacy confidence through superhero missions-- from saving a city from cotton candy monsters to cleaning up the ocean. Students get to be the leader of a group of superheroes as they strengthen their literacy foundation and reading comprehension. The variety of fun characters like Unicorn Man and Captain Taco keep learners engaged so that they can strengthen concepts like **Sight Words, Phonological Awareness, and Word Building.**

Audience

Elementary Counselors & Elementary Teachers

EverFi Session Presenter

Kim-Jamy Nguyen

HISD Contact INFO:

Echos Blevins at Echos.Blevins@HoustonISD.org

Phase I: OSHA 30 Ongoing Progress Development



March 4th, 2021

3:30 PM – 4:30 PM

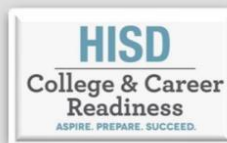
Audience

High School CTE Teachers who have been initially onboarded for OSHA 30 **ONLY!***

Now that High School CTE teachers have taken the OSHA 30 onboard training, please join us for a Phase I check in to receive any new updates and ask any questions you may have regarding the OSHA 30 process. As you continue to apply best instructional practices throughout the program, reflect on how your CTE students are progressing and how CTE students will obtain and benefit from the General Industry Certification by May 7, 2021. This session will be more an open lab session for check in, support, updates, and Q&A.

Leading Facilitators

Felicia Lara & Erika Acevedo



Register to receive the TEAMS link to join the session. For instructions how to register, click [HERE](#).

OneSource Course #1449028

Contact Information – SWHITMO1@HoustonISD.org



IN REAL LIFE

Saturday, March 6th, 2021

9am – 3pm

Virtual via Zoom

Format: 20 min presentation/10 min Q&A

Are you interested in learning about the many different types of engineering careers?

Join us for the annual Engineers IRL! In keeping with the theme of 2020/2021, we are going virtual. There will be 18 engineers, representing different types of engineering and different industries. Our volunteers include:

- A Nuclear Engineer who will be playing with radioactive waste
- Manager from Zipline – the high speed drones that deliver blood to rural Africa
- Mechanical Engineer from Boeing, working at NASA tells what he's done with his degree
- Electrical Engineer from Texas A&M developing clean energy systems
- Biomedical Engineer from Rice University showing the latest in med-tech
- Industrial Engineer from Mars – the candy making company
- Software Engineer from Qualcomm – one of the big companies developing 5G
- Mechanical Engineer and President of Bastion Technologies
- And MORE! (www.EngineersIRL.org for a full listing)



You must be registered to attend this event.
Please use the email account you use for Zoom.
<https://forms.gle/ZrN7rMXryWNcFBdQ7>

Organized by:

**Clear Lake High
School PTSA**



Rotary
Club of Space Center



**IEEE GBS
Women in
Engineering**

UNIVERSITY of HOUSTON
CULLEN COLLEGE of ENGINEERING
Department of Electrical & Computer Engineering

COMPUTATIONAL MEDICINE LAB

For more information:



www.EngineersIRL.org

For more information: info@engineersIRL.org

Increase Rigor in CTE by Implementing (i + 1)

Increase academic vocabulary in CTE courses and discuss what it means to add rigor in the classroom. CTE participants will see how to take their acquisition of content from one level to the next level. In this session, CTE participants will learn about the Input Hypothesis (i + 1), which helps CTE instructors make the content more comprehensible to move from meaning to fluency, in practice and beyond.

ATTN: ALL CTE TEACHERS

March 5th, 2021

3:30pm – 4:30pm

Facilitating: Judith Loreda, Sr. CTE Career Advisor
Contact Information: SWHITMO1@HoustonISD.org

OneSource Course #1449034



Introduction to CTE

Online Auto Curriculum – Auto Lab 2

& TEK Alignment TBD 2021-2022

March 11th, 2021

3:30 PM - 4 :30 PM

ATTENTION:

**CTE Auto Tech Instructors & CTE Administrators
who support/manage the Auto Tech Program at the campus!**

Session Overview

Demo & Proposed Curriculum for Auto Tech Instructors

Career and Technical Education (CTE) Auto Tech participants will receive a Tech-Labs introduction and overview, demonstration, introduction of LJ Create – Auto Lab 2; certification and TEK alignment review, LMS introduction to learning objectives, customization options, assessment, and reporting.

Automotive participants and CTE Administrators will be able to ask any questions and review any materials during the session. **Please plan to attend!**

OneSource Course #1449035

Credit Hour: 1

Session Facilitators

Mark Weiss

James Deloney



Contact Information: SWHITMO1@HoustonISD.org



CTE Assessments, Learning Objectives & Aligning Instructional Strategies in CTE

March 31st, 2021

3:30pm – 4:30pm

Session Overview

Career and Technical Education participants will interactively check their understanding and see why various forms of assessments, learning objectives and instructional strategies should align, especially teaching students whose first language is not English. Participants will also get an overview of oral language proficiency and things to consider when differentiating and planning for instruction in Career and Technical Education classes. Register now through [HISD OneSourceMe Learning](#).

OneSource Course #1449031

Credit Hours: 1

By: Felicia Lara & Stacey Whitmore



Contact Information: SWHITMO1@HoustonISD.org

BREAKING OUT WITH **Google**

“A Digital Escape Room Experience”

YOUR HOST
Darryl Legaspi



@EdTechLegaspi



Media and Digital Learning Specialist, Trainer & Innovator



Podcast Host, Board Gamer

ATTN: Middle School CTE, High School CTE

Digital Escape Rooms are rewarding to create but take some background knowledge.
Google Tools? Fun and Engaging! How-to-Guide on creating a Digital Escape Room!

HISD OneSource Course #1449017
Credit Hours: 3

This is a self-paced course you can take at any time!

HISD Contact Information: SWHITMO1@HoustonISD.org



Accessing GMetrix Remote Learning Options

GMetrix remote learning [support article](#).

GMetrix remote learning [tutorial](#).

GMetrix Technical Support:

Email: support@gmetrix.com

Ph: 801-323-5800

For additional support or questions, please visit our Jasperactive Support Site: <https://support.jasperactive.com/support/home>, submit a [support ticket](#), email help@jasperactive.com, or call our Technical Support team at 888-882-8635.

[Click here to book a client success call session with Keith German!](#)

[Click here](#) to know more.

The next meeting with Keith German is March 4th, 2021 at 3:00pm.

[Click here to Join the Microsoft Teams Meeting](#)

Computer Science Educators – ask about [Code Avengers](#) and request free trial access. Our continued growth is directly attributed to clients such as yourself, so we truly appreciate your business. For more information about our products and services, visit our website at www.ccilearning.com.

Keith German, MCE, MIE

Regional Actualization Manager



Email: kgerman@ccilearning.com **Website:** www.ccilearning.com



Annual Perkins Leadership Conference - NACTEi

ATTN: CTE Leaders & CTE Administrators

Click [HERE](#) for details and registrations.



Save the Date
CTE: BOOTS ON THE GROUND

40TH ANNUAL NATIONAL PERKINS LEADERSHIP CONFERENCE

MAY 10-11, 2021

Join Us for a Virtual Conference
See www.nactei.org for details and registration

Receive policy and legislative updates from national and state CTE leaders, contribute to national work group discussions, and discover "best practices" in CTE.

🐦 @nactei
📘 @nactei.org
🌐 www.nactei.org

High Schools with Automotive Programs for Juniors & Seniors Shift Your Career at HCC!



ATTN: Auto Tech Instructors & CTE Administrators

Click [HERE](#) to schedule a one hour virtual Teams or in person presentation for your automotive students who are juniors and seniors. You can schedule more than one date by completing the form as many times needed.

David Vogel will cover the following:

- How to find our programs on the website
- How the classes run
- Certificate vs. Associate Degree
- Cost of Programs
- Manufacturing training and more at no addition cost
- Locations we offer programs
- Opportunities in the field
- Q&A





Call it training. Call it onboarding.
Whatever you call it, **call us now!**

We are pleased to offer **free Zoom-based training** on all your Virtual Business simulations to help you engage your students and make the most of your subscriptions. Just reply to this email, and we'll get going to schedule a session.

Virtual Business simulations' immersive graphics capture and hold the attention of students who have grown up with screens and digital media. We're here to help you use and integrate any nine of the Virtual Business Simulations into your business and marketing classes!

Email Maureen Ginley at ginley@knowledgematters.com today to schedule your **FREE** Zoom-based Virtual Business training.

All-Access Scholarship Challenge

Don't miss an opportunity for your students to compete in a **\$5,500 scholarship challenge**. It's just one of the many benefits that come with upgrading to Virtual Business All-Access.

In April, during the challenge, students log into Virtual Business and compete against students across the country in the All-Access Scholarship Challenge. The challenge is **free** to participate for any student at a school or district with a Virtual Business All-Access license.

Virtual Business All-Access is the most cost-effective and most popular option to access Virtual Business simulations. **For most schools, the cost for Virtual Business All-Access is less than \$1 dollar per year per student.**

[Click here to contact us today to get an All-Access quote for your school or district to upgrade from your current Virtual Business simulation license.](#)

Feel free to call us (877-965-3276) or email with any questions.

- Knowledge Matters Team



Virtual Handshake and Employability Skills Lesson 1 & Lesson 2

This self-paced course can be taken at any time.

March 2021

Participants will explore two lessons from Workforce Solutions, "Virtual Handshake" and "Employability Skills." These lessons are designed to guide students in obtaining the knowledge and the needed employability skills that are transferable among a variety of jobs and careers and are considered essential in gaining employment opportunities.

OneSource Course #1448023

Credit Hours: 1.5

To receive credit, view both lesson videos, complete a short form, and take the quiz!



Presented by Aurelia Johnson, Richard Prather, Celeria Washington



Contact Info: SWHITMO1@HoustonISD.org

LOGO FOUNDATION

"Turtle as Mathematician"

A virtual hands-on workshop led by Cynthia Solomon, Michael Tempel, Brian Silverman, and Artemis Papert

ATTN: Instructors who are teaching Computer Science, Technology, and all other K-12 Educators interested in Computer Science and Coding. We do hope to see you there!!

Once upon a time Turtle Geometry was virtually unknown in K12 education. Now FORWARD and RIGHT, the basic commands in Turtle Geometry, are incorporated into countless coding apps, games, and robotics programs. But many educators are not familiar with the educational and mathematical roots of Turtle Geometry.

We will briefly look at the origins of Turtle Geometry and how it was seen as an excellent entry path into MathLand for young learners. The leaders of this workshop have been immersed in Turtle Geometry for a very long time. They will share their ideas and experiences along with a collection of engaging activities to explore yourself and with your students.

Using TurtleArt and Scratch, we will delve into:

- Polygons, Spirals, and other Geometric Patterns – complex and beautiful patterns emerge from the commands of Turtle Geometry
- Probability – Starting with a coin toss, we see how order emerges from randomness, and how this phenomenon applies to many aspects of the real world. We'll also look at some surprises that result from random events that are repeated many times.

When: Saturday, March 20, 2021 from 9:00am to 11:00am CST

Where: Everywhere *via* Zoom

Cost: \$15 per person

*Free for those who participated in the 2020 Virtual Logo Summer Institute

[Click Here to Register](#)

Click [HERE](#) to register for the workshop, March 20th, 2021!

LOGO FOUNDATION

"Programming the Finch 2 Robot"

A virtual hands-on workshop led by Tom Lauwers

ATTN: Instructors who are teaching Computer Science, Technology, and all other K-12 Educators interested in Computer Science and Coding. We do hope to see you there!!

When: Saturday, April 10, 2021 from 9:00am to 11:00am CST

Where: Everywhere *via* Zoom

Cost: \$15 per person

Free for people who participated in the 2020 Virtual Logo Summer Institute

Click Here to Register



The Finch Robot 2.0 is a new robot designed to support Computer Science education from kindergarten through college. Like the original Finch, Finch 2.0 can be programmed using a choice of languages from FinchBlox for young children, through Snap!, MakeCode, Python, and Java for older students and more experienced programmers. The Finch connects to your laptop or tablet via Bluetooth. The Finch motors provide accurate movement. Outputs include multi-color LEDs and sound. There are sensors for light, distance and line tracking as well as a compass and an accelerometer. There's a centrally mounted pen for so that the Finch can draw as it moves.

Click [HERE](#) to register for the workshop April 10th, 2021!

The Essential Role of Transportation, Distribution and Logistics (TD&L)



Self-Paced Course for TD&L Instructors

TD&L participants will gain an awareness of the essential role that Transportation, Distribution and Logistics (TDL) pathways play in the United States economy. Almost 10 million people are employed in TDL-related occupations. The content of the course will build teacher capacity to prepare CTE students with the necessary work skills, character building and integrity for the growing number of career opportunities in a variety of professional and technical occupations, as well as high-wage, entry-level occupations in TDL related fields.

Register now through OneSource Learning!

OneSource Course #1448105

Credit Hour – 1

*This course may be taken at your convenience via OneSource Learning.**

Presentation Facilitator

Judith Loredo, Senior CTE Career Advisor



HISD Contact Information: SWHITMO1@HoustonISD.org

ASE Instructor Training Conference

July 26th – 29th, 2021

Location

Embassy Suites 5400 John Q Hammons Dr. Concord, NC 28027

Save the Date!

For the 7th Annual ASE Instructor Training Conference! Get your 20 hours of technical update training, network with industry peers, and much more! Registration will open in February 2021, when you will be able to reserve your spot to be part of the **LARGEST** Automotive Instructor Training Conference in the nation!

Who: Any high school or college auto, collision, or truck instructor

When: July 26th-29th, 2021

Where: Embassy Suites, Concord, NC (near Charlotte)

Cost Breakdown:

Conference Fee:

- \$575 for instructors from ASE-accredited programs
- \$675 for instructors from non-accredited programs
- Hotel cost: \$163 plus tax per night – that should be about \$185 per night total.

Meals: Lunch is included Tuesday-Thursday. Breakfast is included if you stay at the Embassy Suites.

Tentative Agenda:

Monday, July 26, 2021:

- Travel Day
- ASE Testing Available
- Conference Opens with a Welcome Reception

Tuesday, July 27, 2021:

- Technical Training Sessions Begin
- Sponsor Expo
- ASE Testing Available

Wednesday, July 28, 2021:

- Technical Training Sessions Continue
- ASE Testing Available

Thursday, July 29, 2021:

- Technical Training Sessions Continue
- Conference ends at 5:00 PM

Questions? Email ASEconference@ase.com or call 703-669-6650.

Missed the last conference? Take a look at the [2019 Sessions Program](#)!



Don't miss out on the largest Career and Technical Education virtual professional development event of 2021! Thanks to over 9,000 CTE educators and administrators in attendance last year, iCEV's first-ever virtual conference was a huge success. This year, we're going even bigger with more speakers, more sessions, and more prizes! So, go ahead and mark your calendar, then keep an eye out for important updates as more details become available.

[Add Event to Calendar](#)

[ADD THIS EVENT TO YOUR CALENDAR!](#)

Complimentary: Virtual Student Engagement

Overview

Is your virtual student services program delivering what you want?

Find out how three schools won \$45,000 and attained National Recognition for their virtual student services program!

During and eventually after the pandemic, providing services to students virtually is integral to an education institution's success. Services such as advising, orientation, emergency aid, clubs and activities, academic/learning supports, and health and well-being programs must be transitioned online. To recognize institutions which have excelled in doing this, NASPA initiated the Virtual Innovation Awards through which \$255,000 was awarded across ten institutions. Three of those institutions are clients of SmarterServices and through this free webinar they are eager to share their award-winning best practices - Georgia State University, Houston Community College, and the University of Arizona.

Objectives

- Review the elements of good practice in providing virtual student engagement for which these three institutions received an award.
- Engage in a panel discussion with the award winners as they project which good practices will persist even after the pandemic subsides.
- Reflect on enhancements which could possibly be made to your institution's virtual student services.

REGISTER NOW!



VOTE FOR

TAMIKA LEWIS

I would like to win to demonstrate to my students, Juniors and Seniors, that hard-work, dedication, and commitment can help your dreams come true!



We are excited to share that Chef Tamika Lewis at Barbara Jordan Career Center was hand selected to compete for 'Favorite Chef' in *Bon Appetite* magazine! The competition started last week and will run until April - May. There is a Daily **VOTE** and the contest provides an option to buy votes through a small tax benefiting donation made to a non-profit organization. However, the donation is not required. The 1st level of the competition ends tomorrow, taking only the top 15 to the next level. This is a world-wide competition, and Chef Tamika Lewis is currently in 3rd place!! Chef Lewis is honored to take part in the competition and would greatly appreciate your support. **[VOTE BY CLICKING HERE!](#)**

HOW LONG HAVE YOU BEEN COOKING?

I have been cooking the majority of my life since age 8 when I won my 1st Family Burger Battle! I have been operating a catering service for the last 10 years and working as the Culinary Arts Director of a local Career Center for 2 years. My knowledge continues to grow with each experience and opportunity.

WHAT IS YOUR SIGNATURE DISH?

My signature dish is Cajun Garlic Honey Crabs & Shrimp. This dish excellently accompanies brunch. It works well with Belgian Waffles, pancakes and/or French Toast with mixed berries. This dish is a combination of Dungeness Crabs and jumbo peel and eat shrimp seasoned with a homemade spicy Cajun seasoning, dry garlic herb mixture cooked in butter and light olive oil, drizzled with honey, lemon and fresh garlic just before serving. A dish of delectable delight! Every Bite More than a Mouthful!

WHAT WILL YOU DO WITH THE \$50,000?

With \$20,000 I would invest in the expansion of my business. My catering service offers job opportunities to at-risks students in an underserved community. The business expansion would allow the offering of more employment opportunities. With the education and food safety certification I assist my students in obtaining and available employment opportunities better prepares students for life, leadership, and financial independence. The expansion also increases minority business ownership.



CTE Teachers – One-to-One Instructional Support

Need support in best instructional practices, lesson planning, engagement, etc.?

Meeting Location: via Microsoft Teams

Click [HERE](#) to view available time slots. If these times do not work for you, please email swhitmo1@houstonisd.org requesting a different date and time.

Engaging instruction is one of 12 elements of high-quality CTE, defined in [ACTE's](#) comprehensive, research-based [Quality CTE Program of Study Framework](#). This element addresses instructional strategies within a student-centered learning environment that support student attainment of relevant knowledge and skills. Click [HERE](#) to find reports, articles, guides and toolkits can help you provide high-quality, engaging instruction.



CTE Curriculum & Certifications Q&A

Do you still have questions or need support in the areas of CTE curriculum and/or certifications? Please review the available slots below and click below to sign up.

Please click [HERE](#) to schedule a meeting to discuss certifications and or curriculum.