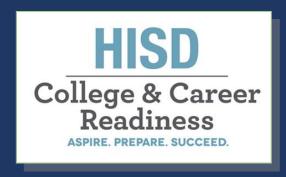
Career & Technical Education CTE WEEKLY BULLETIN VOL. I – FEBRUARY 2021



GET READY! Join us for upcoming CTE MONTH Live Events!

ATTN: High School Campuses & 2021 Graduating Seniors CTE Month Mini Lessons - Quest for Excellence!

February 04, 2021 / 5:00pm - 6:00pm - <u>Join us for this Microsoft LIVE Event</u>
February 11, 2021 / 5:00pm - 6:00pm - <u>Join us for this Microsoft LIVE Event</u>
February 18, 2021 / 5:00pm - 6:00pm - <u>Join us for this Microsoft LIVE Event</u>

(click the above links to join these live events and see flyer details on page 2) For more information, please email Carolina Cano: ccano@houstonisd.org or please email Echos Blevins: echos.blevins@houstonisd.org

ATTN: High School Campuses & 2021 Graduating Seniors SENIORS TO SUCCESS 2.0 - Virtual Hiring Event!

Student Registration is required.

February 25, 2021 / 12:00pm - 2:00pm

(click student registration above and see flyer details on page 3)
For more information, please email Carolina Cano: ccano@houstonisd.org
or please email Echos Blevins: echos.blevins@houstonisd.org

HOUSTON INDEPENDENT SCHOOL DISTRICT

2021 GRADUATES:

Unsure about your next steps after graduation? Looking for career opportunities?
Join us for:

CTE MONTH MINI SESSIONS

During the month of **February**, graduating seniors can explore career opportunities with industry partners in the Gulf Coast Region, expand their knowledge of careers in the military and aviation industry, and engage with business leaders to hear about out-of-the box careers that will help them earn more!



GET STARTED WITH MINI SESSIONS:

EXPAND

Expand your knowledge in this must-attend session and obtain career ready resources for exponential success.

February 4, 2021 5-6 p.m.

Join us for this Microsoft LIVE Event http://bit.ly/3pXDY1b



ENGAGE

Engage today.
Excel tomorrow!
This lively session will
prepare you for life
post-graduation and
support your quest
for excellence

*This session will also provide unique opportunities for person(s) with disabilities.

February 11, 2021 5-6 p.m.

Join us for this Microsoft LIVE Event http://bit.ly/2Luc6TC



EXPLORE

Explore and earn more in this out-of-box session that will showcase employment opportunities that you might not know exist.

February 18, 2021 5-6 p.m.

Join us for this Microsoft LIVE Event http://bit.ly/2Lyoy4Q



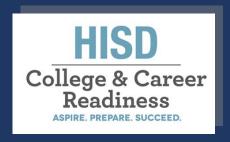


For more information, email Carolina Cano: ccano@houstonisd.org or Echos Blevins: echos.blevins@houstonisd.org



HOUSTON INDEPENDENT SCHOOL DISTRICT





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

Please nominate one CTE teacher from your campus. The CTE teacher nomination is due by Thursday, <u>February 18, 2021</u> of this month. You may only submit one submission each month. Click <u>HERE</u> to submit your CTE Teacher of the Month nomination.

Virtual Industry Speakers

Audience – Arts, Audio/Video Technology, and Communications

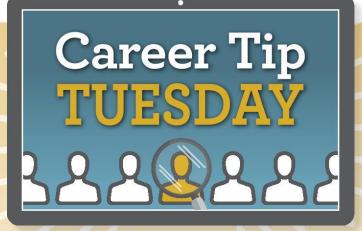
Our CTE Career Advising Team has an exciting opportunity for your students to engage with industry professionals from the iHeart Media company during your class. These industry professionals are excited to speak to students interested in radio, production, media, and more. Please enter and complete the 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:

- ★ Select a date: <u>now April 2021</u> (Please keep in mind a minimum of two weeks advance notice is required)
- ★ 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. <u>Please click HERE to submit your requested dates well in advance to take advantage of this opportunity!</u>

HOUSTON INDEPENDENT SCHOOL DISTRICT



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!

FEBRUARY 2021 TOPICS:



Preparing for a Job Fair



Virtual Interview





CareerReadiness@HoustonISD.org



@HISDCTEadvisors



@hisd_cte_advisors



HISD CTE Career Advisors

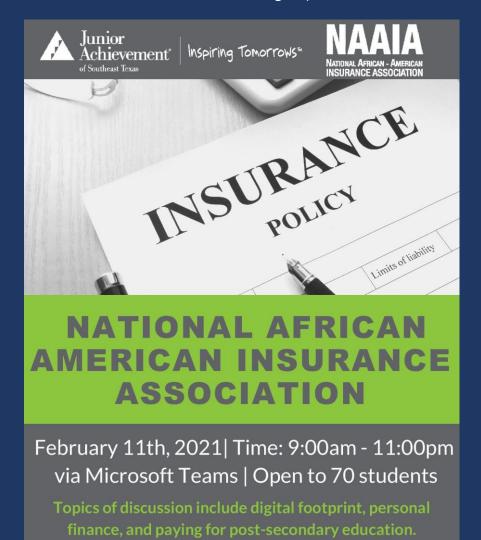
Click **HERE** to join us every 2nd and 4th Tuesday for a mini lesson watch party!



Junior Achievement will be hosting 2 Leadership Conferences during February 2021 and are looking for at least 50 students to participate. Please share below with your campus.

Topics include: Social Media, Insurance Industry Jobs, Ethics, and Financial Literacy

February 11, 2021 from 9:00am-11:00 am Click <u>HERE</u> to sign up.



A LEADER is someone who demonstrates what's possible.



Topics Include: Keynote Speaker, Nursing Simulation, Engineering Simulation, Financial Aid, and Student Panel

> February 24, 2021 from 9:00am-11:00am Click <u>HERE</u> to sign up.



HOUSTON BAPTIST UNIVERSITY

February 24, 2021 Time: 9:00am - 11:00pm via Microsoft Teams

A LEADER is someone who demonstrates what's possible.

TCEA + IDEAcon Virtual Conference

February 1st-24th, 2021 | Live and On-Demand Learning



It is the global learning event of 2021! Do not miss this opportunity to learn on your own schedule, connect with peers, and access an abundance of content-specific resources.

This year, we have partnered with IDEAcon to give you a month-long, cohesive virtual conference that includes live, on-demand, and interactive elements allowing you to enjoy a full experience. You will leave with new ideas and actions that can be applied right when you are back on campus. Plus, we want everyone to share their journey of learning and teaching, so we have carved out moments for you to network with your peers around the world and build your Professional Learning Network.

REGISTER NOW!

Do not hesitate, <u>register</u> today for the virtual TCEA 2021!

The <u>registration</u> to the virtual 2021 TCEA Convention & Exposition provides campus and district-level administrators, teachers, librarians, and more with best practices and strategies for technology integration, implementation, and management. Take advantage of the six content-filled days, and with an on-demand component meant to enhance the event and make it even more accessible.



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 <u>HERE</u> to schedule a meeting with a team member to discuss certifications and or curriculum.



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.

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

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



ATTN: Auto Tech Instructors & CTE Administrators

Click <u>HERE</u> 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.

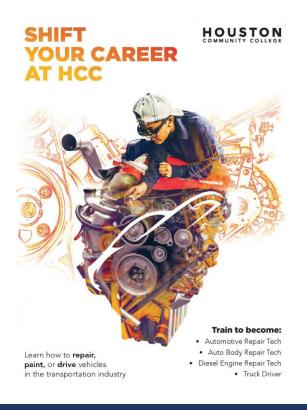
Mr. David Vogel will be covering:

- 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

See an overview on the next page.











AUTOMOTIVE REPAIR TECHNICIAN

Associates Degree Certificate

2 year program Can be completed in less than 2 years

Associates Degree Certificate 2 year program Can be completed in less than 2 years

- naview damage reports, prepare cost estimates, planvoork

 Remove damaged body parts, including burgers, fenders, hoods, grills, and trim.
 Realign cer frames and chassis to repair structure demange the thermore out or path developed.
- Hammer out or patch dents, dimples, and other minor body damage
 Fit, attach, and replacementparts into place
- Grind, sand, buff, and prime refurbished and repaired surfaces
 Apply new finish to restored body parts

Jobs in this field:

\$45,630 Hourly salary \$19.87

HEAVY VEHICLE, DIESEL, AND INDUSTRIAL TECHNOLOGY

Tasks:

- Diesel engine theory
 Hands-on training
 Basic air and heavy duty brake systems

- Basic electrical systems
 HVAC
 Steering, suspension, and power train applications

Day, evening and weekend classes available

DIESEL PREVENTATIVE MAINTENANCE

Occupational Skills Award

- Shop safety and procedures
 Basic air brake and heavy anti-lock systems
 Diesel engine testing and repair

Jobs in this field:

Diesel Tech or Mechanic Diesel Instructor Heavy Equipment Tech Off Shore Tech

Hourly salary \$23.58

\$47,460

Annual salary:

Hourly salary:

\$18.00

\$45,343

COMMERCIAL TRUCK DRIVING

Certificate Can be completed in less than 6 months

Learn about:

- Trucking lifestyles
- Federal Motor Carrier Safety Association (FMCSA) rules and regulations

State and Local

- Drive long distances to deliver goods to customers.
 Load and unload cargo.
 Record cargo deliveries.
 Refuel and clean vehicle

- Report road incidents
 to the dispatcher.

 Follow traffic laws.

 Inspect trucks and record issues
 Follow accident procedures

- Jobs in this field: Local Truck Driver
- Bus Driver
- ▶ Heavy Equipment Hauling





February 4, 2021 3:30 PM (CST)

TestOut LabSim Training for Grant Use

Audience: by Invitation Only!

ATTN: Principles of Government & Public Administration CTE Teachers Computer Maintenance Teachers, Networking Teachers, MOS/Word, Excel, BIM Teachers, Principles of IT, Practicum in Computer Maintenance

*If you receive this invite by email, please register. Otherwise, please do not register.

Summary:

Attendees will learn how to use TestOut's LabSim platform, attendees can ask any questions they have about Office Pro or how to do things after taking a look in their teacher accounts beforehand; learn all the tools they have at their disposal like custom exams, reporting, etc.

Register through HISD OneSource Learning Course #1448097

Please register to receive the link to join my meeting. Use your computer audio or dial in using your phone.

United States: +1 (571) 317-3112

Access Code: 742-156-173

Session Facilitator

Stevie George, Sr. Technical Product Trainer

Jared Skelton | Academic Account Executive Direct: 385.233.5329 | jskelton@testout.com TestOut Corporation | https://www.testout.com/

HISD Contact Information: Dr. Stacey Whitmore, Manager | SWHITMO1@HoustonISD.org

Click here to schedule time with Stevie George.

Click **HERE** for instructions how to register for a course in OneSourceMe Learning.

Open P-TECH

Technology and jobs are changing much faster than education systems. Open P-TECH helps close the gap.

Industry leading digital learning for your students!

Students need earlier access to industry content that exposes them to potential careers in STEM, IBM and its collaborators know what tech skills are critical for the future and have packaged that knowledge specifically for students aged 14-20.

Teachers have access to this digital learning too!



Cybersecurity

Inteligence

Design

Thinking

Blockchain



Science

Professional

Free digital learning on the tech skills of tomorrow

According to the World Economic Forum, we are experiencing the 4th Industrial Revolution and the global value of the digital transformation is estimated at \$100 trillion over the next several years.1 This is a huge opportunity for students about to enter the job market, but they need to be familiar with the new technologies in order to seize it.

Do you have students who are curious about specific technologies such as artificial intelligence, Blockchain, cybersecurity, cloud, and quantum computing? Open P-TECH has it!

1 https://www.weforum.org/press/2016/01/100-trillion-by-2025-the-digital-dividend-for-society-and-bu-

Would you like to learn about these technologies too? Looking for ways to teach the professional skills companies are looking for in new hires?

Teachers can use Open P-TECH to extend the classroom experience.

Special teacher content provides you with ideas on how to use the digital content for blended learning. You also have access to a student progress dashboard and can assign content from other trusted online sources to students to customize the learning experience.

Open P-TECH introduces students and teachers to the tech skills of tomorrow - for free!

Open P-TECH benefits

- Digital learning on cutting-edge technology, designed for students!
- Engaging videos and gamified assessments to spark and keep student interest!
- Free to academic institutions, students, and teachers!
- Industry-recognized digital badges!
- Special resources for teachers!



For more information visit: open.ptech.org or contact our Business Development Team.

- P-TECH Schools: Cliff Archey at carchey@us.ibm.com
- K-12 Schools: Christa Camp at christa.camp@ibm.com
- Community Colleges and STEM Nonprofits: Darren Smith at darren.smith@ibm.com





Region 4 Distance Learning Event - February 2021 The 2021 Federal Junior Duck Stamp Art Contest is here!

The Texas Contest entry deadline is March 15th. You can find all of this information and more on the Junior Duck Stamp Conservation Program website. Click HERE to find information. They have expanded the styles and techniques accepted to allow for young artists' creativity to shine through! Original works done in the following styles will be accepted: hyper-realism, impressions, cartoon, caricatures, comics, pop whimsical, fantasy, cubism, folk, ethnic and tribal. Only 2-dimensional entries will be accepted. Remember, no matter what style you choose to work in, the main subject and central focus should be on one of our live native North American waterfowl species (see species list in brochure). Feel free to share this information with others who may be interested. Contact Felice Yarbough at felice yarbough@fws.gov if you have any questions! Learn more in the program brochure by clicking HERE.

Region 4 Distance Learning Event - February 2021

~ Muses3 ~

Muses3 is offering a variety of resources for students and teachers this month.

Take a look at their free February book recommendations tied to daily events in history and download free activity packs for the following:

Groundhog Day – Click HERE, The Super Bowl – Click HERE, and Presidents' Day – Click HERE

Region 4 Distance Learning Event - February 2021

Children's Museum Houston 3D Virtual Field Trips

Children's Museum Houston is offering free 3D Virtual Field Trips. Exhibits are ready for class visits, with more to come. Learn more on how to access this virtual field trips HERE.

Region 4 Distance Learning Event - February 2021

Galveston Bay STEM Careers: Habitat Restoration

What types of careers get you outside, let you play with cool equipment, and help people and the environment at the same time? Join Galveston Bay Foundation's Habitat Restoration Manager, Haille Leija, at a current GBF wetland and oyster reef restoration site to learn more about this important habitat, check out some of the field gear her team uses, and how you can help! This will be held February 19, 2021. Learn more about this FREE session here.



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.

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





Employment and Training Opportunities for Youth Ages 16-24

Don't wait any longer, let us help you to:

- Job search to get a job, keep a job, or get a better job (available year-round).
- Train for a career in demand in a field that has a bright outlook for growth.
- · Obtain your GED, and/or find the funds for college.
- Learn how to be on the path towards financial stability.

Workforce Solutions provides the tools, employment connections, and opportunities that set young people in a career path that is in demand. If you are 16-24 years of age and looking for work or training, we can help. For additional information contact us by phone or email and let us know you are interested in youth services.

For more information:

Workforce Solutions – Northline 713.692.7755 ext. 0
Northline@wrksolutions.com



www.wrksolutions.com 1.888.469.JOBS (5627)

upon

A proud partner of the americanjobcenter network



Dear Educators,

The Society of Women Engineers (SWE) - Houston Area Section is happy to inform you and your students of two important benefits we offer - our **College Scholarships** and **Certificates of Merit**.

We are sponsoring several *College Scholarships* for Students who are pursuing Engineering or Engineering-related fields in an ABET institution during the 2021-2022 academic year. The scholarship application is now open and closes on March 1, 2021. Students may apply to one or multiple scholarships through a single application which can be found <u>HERE</u>.

Similarly, the nomination process for *Certificates of Merit* to recognize your students' academic excellence is also open. The nomination form can be found <u>HERE</u>. and will close on April 9, 2021.

We appreciate your dedication to develop the next generation of STEM professionals and hope you will join us in helping these students reach their next educational and professional goals.

All winners and nominees will be invited to the Annual Awards Banquet, which will take place late April 2021, will provide a final date in a follow-up email.

If you have any questions, please do not hesitate to contact us. (Scholarship Flyer on page 18) Sincerely,

Society of Women Engineers (SWE) Houston Section Scholarship Committee WEBSITE



Apply for SWE Scholarships

Houston Area Scholarship Application Now Open!

The Society of Women Engineers-Houston Area Section (SWE-HA) aspires to unify science and engineering communities through active participation in outreach events for grades K-12, Academic Scholarships, Awards & Recognition, and Professional programs.

SWE-HA wants to recognize the amazing work that Houston area students do and encourage females to pursue engineering related fields! SWE Houston has been awarding scholarships to deserving students in the Houston area for over 30 years.

Students complete one application and are considered for all scholarships for which they are eligible. (Applicants will need to indicate what scholarships they are eligible and applying for on the application.)

Please visit our website to find out about the scholarships offered and to apply: http://www.houstonswe.org/scholarships.html

The application process is entirely online including submission of recommendation letters and transcripts. Application will be open through March 1st, 2021.

Questions? Contact us at swe.ha.scholarship@gmail.com

2021 Scholarship Application Information

Please visit HERE to find out about the scholarships offered.



APIS WEEK 2021

February 15th - February 19th

The Organization of Black Aerospace Professionals Aerospace Professionals in Schools (APIS) Week is <u>February 15th-19th</u> and we invite you to be a part of the largest virtual outreach event of the year. Each day, we'll host three virtual sessions where students can tune in from wherever they are to learn more about the opportunities and careers in aerospace.

Our goal is to introduce as many students as possible to the world of aerospace! Over the course of this week, our pilots, air traffic controllers, astronauts, aerospace engineers, aircraft mechanics, meteorologists, and flight attendants will share their own career stories and answer student's questions to inspire the next generation of aerospace professionals and set them on the path to success.

Sessions are filling fast, but there's still time to register your student!

How to participate:

- Register your student, class, or school <u>HERE</u>.
- Select one of the 15, one-hour sessions available
- Once you register, share the Zoom access details with your student(s)

We hope you'll plan to be a part of this exciting event!



Gain professional and business technology skills.

Receive coaching on professional skills such as communication, teamwork, and troubleshooting. Learn technical skills such as project management and Microsoft Suite.

Earn \$10/hr through a year-long internship.

Get paid to intern at a top Houston company such as Texas Children's Hospital, Centerpoint Energy, AlG. Build your professional network through job shadowing, informational interviews, and relationship-building.

Receive post-high school planning support.

Partner with Genesys Works to complete college admissions, financial aid, and scholarships.

Receive help realizing your post-high school pathway, such as college, military, and the workforce.

Application Deadline: March 5, 2020
Juniors, sign up for more information at https://genesysworks.tfaforms.net/4652054?tfa_75=Houston For more information, email gwhrecruitment@genesysworks.org

GENESYS WORKS.

Genesys Works - <u>Sign Up</u> for more information about Genesys Works.





Apply online now **HERE!**



Join us. Be #GWProud.

Apply online today.



Paid Internable College & Career Supp

GENESYSWORKS.

gain:

Skills Training

Develop professional and technical skills, including public speaking and business technology!

Paid Internship

Earn \$10,000 In one year at a top company such as CenterPoint Energy, AIG, or Texas Children's Hospita!!

College & Career Support

Receive help with college applications, scholarships and financial aid.

Application Deadline: March 5, 2021 Earn \$10.00/hr! Apply online now at genesysworks.org/houston

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Apply online now **HERE!**