




















Career and Technical Education Professional Development Sessions | Contact: SWHITMO1@HOUSTONISD.ORG

Date	Time	OneSource ID	Name of Training (Career and Technical Ed.)	Location	Audience
October 4, 2021	8:00am - 9:00am	#1460059	MOS Certifications – BIM CTE Teachers CCI Learning: Jasperactive Updates, Check-In + Q&A	 Microsoft Teams	High Schools including Achieve 180 High Schools
October 4, 2021	9:00am - 10:00am	#1460057	Do you want to advance your Excel skills? Part II: Advanced Microsoft Office Skills	 Microsoft Teams	Middle Schools & High Schools A180 Middle Schools & A180 High Schools
October 4, 2021	9:00am - 10:00am	#1460096	Join us, CTE Teachers! Expand Your CREATIVITY! – Arts A/V & Communications	 Microsoft Teams	Middle Schools & High Schools A180 Middle Schools & A180 High Schools
October 4, 2021	9:00am - 10:00am	#1460053	Next steps for all HISD K-12 Phase II: 4th Annual HISD District-Wide Drone Competition	 Microsoft Teams	ES, Middle Schools & High Schools A180 Middle Schools & A180 High Schools
October 4, 2021	10:30am - 11:30am	#1460054	Camera & Video Education: Technology Ed. & STEM Evolving Technology: Mirrorless Cameras and Drones	 Microsoft Teams	Middle Schools & High Schools A180 Middle Schools & A180 High Schools
October 4, 2021	11:00am - 12:00pm	#1461003	National Society of Black Engineers (NSBE) Fresh Start STEM Program Sponsored by Hewlett-Packard (HP)	 Microsoft Teams	Elementary, Middle & High School 3rd-12th Grade Teachers & Administrators
October 4, 2021	11:00am - 12:00pm	#1460090	Knowledge Matters Virtual Experience Learning, Site Licenses & Support - Simulations for High School	 Microsoft Teams	High Schools including Achieve 180 High Schools
October 4, 2021	12:30pm - 2:00pm	#1460073	HISD Connect: CTE Tool Entering Certifications & CTE Programs of Study	 Microsoft Teams	High Schools including Achieve 180 HS High School CTE Administrators ONLY!
October 4, 2021	2:00pm - 3:30pm	#1460074	HISD Connect: CTE Tool Entering Certifications & CTE Programs of Study	 Microsoft Teams	High Schools including Achieve 180 High Schools
October 4, 2021	12:30pm - 2:00pm	#1460021	Agriculture, Food, and Natural Resources Literacy, Science and Ag with Hank the Cowdog	 Microsoft Teams	Middle Schools & High Schools A180 Middle Schools & A180 High Schools
October 4, 2021	2:00pm - 3:30pm	#1460021	Agriculture, Food, and Natural Resources Literacy, Science and Ag with Hank the Cowdog	 Microsoft Teams	Middle Schools & High Schools A180 Middle Schools & A180 High Schools
October 4, 2021	12:30pm - 1:30pm	#1460022	Realityworks: Develop Career-Ready FCS Students with RealCare Innovative Learning Tools	 Microsoft Teams	High Schools & Achieve 180 HS <i>Family & Consumer Sciences</i>
October 4, 2021	1:30pm - 2:30pm	#1460023	Realityworks: Farm to Classroom Table: Bring Innovative Learning Tools into Your Agriculture Program	 Microsoft Teams	High Schools including Achieve 180 High Schools
October 4, 2021	2:30pm - 3:30pm	#1460024	Realityworks: Creating a Complete Welding Program for Today's Learner – Manufacturing	 Microsoft Teams	High Schools including Achieve 180 High Schools
October 4, 2021	12:30pm - 1:30pm	#1460028	Rice University Office of STEM Engagement: Teaching Machines to Learn – Technology Ed. & STEM	 Microsoft Teams	High Schools including Achieve 180 High Schools
October 4, 2021	1:30pm - 2:30pm	#1460030	Rice University Office of STEM Engagement: Is Your Engineering Instruction for Your Students?	 Microsoft Teams	High Schools including Achieve 180 High Schools
October 4, 2021	2:30pm - 3:30pm	#1460045	Rice University Office of STEM Engagement: Cybersecurity Resources 101	 Microsoft Teams	High Schools including Achieve 180 High Schools
October 4, 2021	1:00pm - 2:00pm	#1460088	US Coast Guard Outreach Initiatives Regional Maritime Education Initiatives & Updates	 Microsoft Teams	Yates High School & Austin High School <i>Port Houston – Maritime Teachers</i>
October 4, 2021	3:00pm - 4:00pm	#1461003	National Society of Black Engineers (NSBE) Fresh Start STEM Program Sponsored by Hewlett-Packard (HP)	 Microsoft Teams	Elementary, Middle & High School 3rd-12th Grade Teachers & Administrators

Cybersecurity FREE Professional Development

Virtual for high school/CTE educators!

Introduction to Cyber:bot – Self-Paced Workshop

October 1st, 2021 – October 31st, 2021

Asynchronous

Intro to Cybersecurity

October 7, 2021

7:00pm - 8:00pm

Virtual Event

Cybersecurity Activities for Beginners

October 14, 2021

6:00pm - 7:30pm

Virtual Event

Regional Cyber Challenge 101 for Team Sponsors

October 18, 2021

4:00pm - 5:00pm

Virtual Event

Explore. Experience. Share. – Cybersecurity Career Awareness Week

October 21, 2021

2:00pm - 3:00pm

Virtual Event

Linux 101/Intro to a Cyber Range

October 25, 2021

6:30pm - 8:00pm

Virtual Event

Supplemental Professional Development & Courses

[Click here to enroll in the TEALearn online CTE Work-Based Learning Course from now through September 30, 2022.](#)

[Click here for FREE online Texas A&M Continuing and Professional Education Opportunities.](#)

[Click here to view the October 2021 Region 4 Professional Development Calendar of Sessions.](#)

[Click here for edWeb.net FREE, live, or on-demand upcoming edWebinars.](#)

Join live or receive a link to the recording and earn a CE certificate. edWeb.net is a state-approved provider of professional development for Texas educators.

[Click here for Jason Learning interactive professional trainings, designed for high-impact learning.](#)
Each of JASON's training programs is 90 minutes in length.

[Click here for FREE Realityworks webinars and on-demand webinars.](#)

[Click here for Adobe Education Exchange Professional Learning, self-paced courses.](#)

[Click here for complimentary professional development in the areas of instructional technology and course design.](#)

[Click here for a FREE CTE Learn Webinar Series: CTE for Students with Disabilities.](#)

[Click here for Texas Teacher Academy \(Clock Hour Courses\) Professional Development](#)
If you are interested in accomplishing your career goals in childcare, we are here to help.

TEALearn: [Click here to access CTE Professional Development for teachers assigned to a CTE course that qualifies for math or science credit.](#)
**All certificates will stay on Canvas for access in the future.*

[Click here for TCEA self-paced courses and online certifications for educators, starting at \\$29 per course.](#)

[Click here for Part 2: Confronting Isms in the Classroom on October 5, 2021. The webinar will be recorded to watch after the event.](#)

[Click here for Texas A&M Engineering online courses in the fields of communications, corrections, electric power, electronics/semiconductor manufacturing, explosives and ordnance training, fire, forensics, law enforcement, safety and health, school safety, security, supply chain distribution management, water, and wastewater, and WMD terrorism. Courses can be taken in multiple sittings, and available 24 hours a day, 7 days a week.](#)

[Click here for FREE Law Enforcement webinars. The Justice Clearinghouse covers topics of particular interest and focus for those in the Law Enforcement.](#)

ASE Technical Training for Automotive Instructors

These free webinars are presented by ASE industry partners. Each event includes an emailed certificate that can be applied to instructors' technical update training hours required by the ASE Education Foundation. Not sure you can attend the live session? Register in advance to receive an email after the live session with details on how to view a recorded version and receive a certificate. Monday webinars for instructors moved to Tuesdays.

Jeep Wrangler 4xe PHEV Operation and Diagnosis | Webinar for Instructors | 1 Hour

Tuesday, October 5, 2021

3:00 PM - 4:00 PM (CST)

[REGISTER](#)

Using Diagnostic Tools for Successful Repair | Webinar for Instructors | 1 Hour

Tuesday, October 19, 2021

3:00 PM - 4:00 PM (CST)

[REGISTER](#)

Torque Converter Operation and Diagnosis | Webinar for Instructors | 1 Hour

Tuesday, October 26, 2021

3:00 PM - 4:00 PM (CST)

[REGISTER](#)





Region 4 is excited to announce their latest October 2021 professional development offerings! Click the titles to find a description and registration information. * **All sessions will be presented virtually, via Zoom. Links will be e-mailed to registered participants before the event.** For more information about any of these workshops, please e-mail socialstudies@esc4.net.

[Building Academic Vocabulary in Social Studies](#)

October 11, 2021 | 8:30 a.m.–3:30 p.m.

[Get the Sage off the Stage: Engagement through Cooperative Learning](#)

October 12, 2021 | 8:30 a.m.–3:30 p.m.

[Innovative Assessments: Creating Technology: Enhanced Items for Activities and Evaluation](#)

October 13, 2021 | 8:30 a.m.–11:30 a.m.

[Classroom Circles: Maximizing Social Studies Instruction](#)

October 14, 2021 | 8:30 a.m.–3:30 p.m.

[5Es over America](#)

October 19, 2021 | 8:30 a.m.–3:30 p.m.

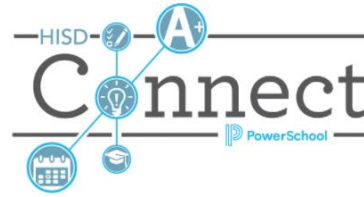
[5Es over World Cultures, Part 2](#)

October 20, 2021 | 8:30 a.m.–3:30 p.m.

[Social Studies Make and Take: Warm-up to Social Studies Grade 7](#)

October 26, 2021 | 8:30 a.m.–3:30 p.m.

HISD Connect: CTE Tool Entering Certifications & CTE Programs of Study



Participants will learn how to use the CTE Tool in PowerSchool to post certifications and identify CTE Programs of Study.

Open Lab – Register HISD OneSource #1460073

October 4, 2021 - 12:30 PM - 02:00 PM

October 5, 2021 - 10:30 AM - 12:00 PM

Audience: CTE Administrators

Open Lab – Register HISD OneSource #1460074

October 4, 2021 - 2:00 PM - 3:30 PM

October 6, 2021 - 1:30 PM - 3:00 PM

Audience: High School CTE Teachers

HISD Point of Contact

Felicia Lara - FLARA@HoustonISD.org

Travis Hunt - THUNT1@HoustonISD.org

Minecraft: Education Edition: Teacher Academy

Minecraft: Education Edition Teacher Academy is comprised of three sections and eleven modules which focus on the use of Minecraft: Education Edition as a teaching and learning tool designed to support strong pedagogical practices in the learning environment. The modules are divided into three sections intended for beginner, intermediate, and advanced users. At the end of this learning path, you will become a Minecraft Certified Teacher and receive the badge.

Learning Objectives

Recognize how Minecraft: Education Edition is a manageable game-based platform that allows teachers to assess students understanding using lessons, activities, and build challenges. Describe how to apply Minecraft: Education Edition in the classroom by participating in lesson simulations, exploring collaborative gameplay, and understanding classroom readiness. Explain how to use Minecraft: Education Edition to enrich classroom experiences through introductory coding, chemistry, and science, as well as engineering with Redstone. Estimated completion time: 11 hours (includes in-game practice) [Click to start the learning path.](#)

Learning Path Outline

[Minecraft: Education Edition: Introduction to game-based learning \(1 hour\)](#)

[Minecraft learn to play: Placing first blocks \(1 hour\)](#)

[Minecraft learn to play: World and game management \(0.8 hours\)](#)

[Minecraft learn to play: Assessment and feedback tools \(1.1 hours\)](#)

[Minecraft learn to play: Classroom Build Challenges \(1 hour\)](#)

[Minecraft apply in the classroom: Lesson Simulation \(1.1 hours\)](#)

[Minecraft apply in the classroom: Collaborative Gameplay \(1 hour\)](#)

[Minecraft apply in the classroom: Classroom readiness \(0.9 hours\)](#)

[Minecraft apply and enrich: Introduction to coding \(1 hour\)](#)

[Minecraft apply and enrich: Chemistry \(1 hour\)](#)

[Minecraft apply and enrich: Redstone engineering \(0.9 hours\)](#)

If you have previously completed the My Minecraft Journey learning path and received the Minecraft Certified Teacher badge, you do not need to complete this learning path. You still have the Minecraft Certified Teacher badge. You're welcome to complete this learning path if you'd like; however, as there is new content, but you won't receive a different/new badge.

National Geographic Professional Development for K-12 Educators



Developing a National Geographic Explorer Mindset with Your Learners

Learn how to foster the mindset of an Explorer in your students, explore innovative strategies and resources to transform your teaching, and join a supportive community of educators. Enroll now through December 31, 2021.

Estimated time: 50 minutes, self-paced, available on-demand

Applying Geographic Thinking Skills with Your Learners

Where is it? Why is it there? Empower your learners to make sense of our interconnected world by integrating geographic thinking skills and resources into your instruction and join a supportive community of educators.

Enroll now through December 31, 2021.

Estimated time: 90 minutes, self-paced, available on-demand

Storytelling for Impact in Your Classroom: Video

Part of the Storytelling for Impact series in partnership with Adobe. Enroll now through December 31, 2021.

Estimated time: 9 hours, self-paced, available on-demand

Storytelling for Impact in Your Classroom: Graphics

Part of the Storytelling for Impact series in partnership with Adobe. Enroll now through December 31, 2021.

Estimated time: 7 hours, self-paced, available on-demand

Many professional development courses for CPE credit previously offered through the Texas Gateway (Classic Gateway) are transitioning to a new course platform—TEALearn. As part of this process, TEA has reviewed and classified Classic Gateway courses into one of the following categories.

Professional development courses that will be:

- transitioning to TEALearn for CPE credit;
- available to view on the Texas Gateway; and
- sunsetting and no longer available.

Integrating Math into the CTE Classroom, Part 1 and Part 2, is available on TEALearn

[Integrating Math into CTE Classrooms, Part 1](#)

[Integrating Math into CTE Classrooms, Part 2](#)

Integrating Science into the CTE Classroom, Part 1 and Part 2, is available on TEALearn

[Integrating Science into CTE Classrooms, Part 1](#)

[Integrating Science into CTE Classrooms, Part 2](#)

TEALearn is the new professional development hub for Texas educators!

Explore the [TEALearn course catalog](#) to discover new learning opportunities and find longtime favorites.

Foundational Learning Sessions

Clusters: Agriculture, Food & Natural Resources, Architecture & Construction, Arts, A/V Technology & Communications, Business Management & Administration, Education & Training, Finance, Government & Public Administration, Health Science, Hospitality & Tourism, Human Services, Information Technology, Law, Public Safety, Corrections & Security, Manufacturing, Marketing, Science, Technology, Engineering & Mathematics, Transportation, Distribution & Logistics

DESCRIPTION

Foundational Learning Sessions are teacher training sessions designed to provide support for beginning CTE teachers as part of the Texas Education Agency's CTE Mentor Program. Foundational Learning Session topics include:

CTE Mentor Program Introduction

Foundational Learning Session 1: Unpacking Standards

Foundational Learning Session 2: Student Learning Objectives

Foundational Learning Session 3: Activities

Foundational Learning Session 4: Knowledge of Students

Foundational Learning Session 5: Classroom Management

Foundational Learning Session 6: Differentiation

Foundational Learning Session 7: End of Year Reflection

Foundational Learning Session 8: Building Community & Business Relationships

→ **START FOUNDATIONAL LEARNING SESSIONS**

Adobe MAX — The Creativity Conference
A free virtual event October 26th – 28th
Imagine. Connect. Create.



[Register Free](#)

Start building your MAX schedule today.

Join us for an extraordinary virtual experience to find inspiration, connect with creatives from around the world, and learn the best ways to bring your best ideas to life. Open to all, at no cost.

Featured Speakers

Be inspired by expert speakers in design, photography, illustration, social media, 3D, video, and more.

[View all Speakers](#)

TEA-Approved Professional Development for Texas Teachers



High-quality, straightforward, and cost-effective online courses for Texas Teachers. Let us show you how we can help you improve your teaching effectiveness, maintain your teaching license, and advance your teaching career.

- High-Quality Courses, Chock-Full of Resources, Tools, & Templates
- Access Your Courses Immediately, Any-Time, Anywhere
- Simple, Intuitive Lessons & Learning Platform

[Click to here view Model Teaching Professional Development courses and prices.](#)

[High School CTE Professional Development Request Form 2021-2022](#)

Please complete all required fields on the form. You will not be able to submit the form if any fields are incomplete. **Your request will be submitted for review and approval.** You will then be notified *via* email, within 3 business days whether your professional development request has been approved or not. If you have any additional paid training questions, please email Stacey Whitmore at swhitmo1@houstonisd.org or call (713) 556-8202.

Your submission does not automatically guarantee approval. Your submission will need approval from the Career Readiness Director and HISD's Procurement Department for any professional development associated with cost.



Start Learning with Free Courses

Free online courses from the world's top universities and companies.

Learning outcomes on Coursera – 87% of people learning for professional development report career benefits like getting a promotion, a raise, or starting a new career.

Build skills with courses, certificates, and degrees online from world-class universities and companies.

JOIN FOR FREE!

Explore Professional Certificates

Explore Topics & Skills

Explore FREE Courses

We collaborate with 200+ leading universities and companies!



Engineering the Future of Science in Texas:

Region 4 Science Conference



October 21, 2021

8:30am - 4:00pm

Join science educators for a 1-day science conference to explore best practices and effective tools to design and redesign how we teach science in all settings (face-to-face, virtual, and hybrid).

Conference strands include leading science, embedding STEM practices, supporting diverse learners, incorporating pedagogy, and teaching science content. [Learn more and register here.](#)

National Geographic Learning 9-12 On-Demand Training Resources

Health Science

[MindTap for Healthcare - Video](#)

[Learning Labs in MindTap for Health Sciences - Video](#)

[Using MOSS 3.0 in MindTap for Medical Assisting - Video](#)

[NCHSE Study Primer in MindTap for Diversified Health Science \(DHO\) - Video](#)

[Dental Tray Setup Activities in MindTap for Dental Assisting - Quick Start Guide](#)

[Mayo Stand Setup Activities in MindTap for Surgical Technology - Guide](#)

Agriscience

[MindTap for Agriscience - Video](#)

Automotive

[MindTap for Automotive - Video](#)

[Automotive Service Excellence Technician Training Online \(TTP\) Platform - Video for Instructor](#)

[Automotive Service Excellence Technician Training Online \(TTP\) Platform - Video for Students](#)

[TTP Student User Guide](#)

National Geographic Learning 9-12 On-Demand Training Resources

Business & Marketing

[MindTap for Business & Marketing - Video](#)

[Dlabay Principles of Business 9e MindTap Tour - Video](#)

[Burrow Marketing 5e MindTap Tour - Video](#)

[Burrow Principles of Management 14e MindTap Tour - Video](#)

[Adamson Law for Business & Personal Use 19e MindTap Tour - Video](#)

[Green Entrepreneurship 6e MindTap Tour - Video](#)

[Ryan/Ryan Personal Financial Literacy 3e MindTap Tour - Video](#)

[Kaser Sports and Entertainment Marketing 4e MindTap Tour - Video](#)

[Butterfield Soft Skills 2e MindTap Tour - Video](#)

Construction Trades

[MindTap for Construction Trades - Video](#)

[Electrical CODE Simulation - User Guide](#)

[Electricity and Wiring Simulation - User Guide](#)

[HVAC 4.0 Simulation - User Guide](#)

Big Ideas Math

[Click here to access our Big Ideas Math Training Resources](#)

National Geographic Learning 9-12 On-Demand Training Resources

Information Technology

[MindTap for Information Technology - Video](#)

[Using Virtual Machine Labs in MindTap - Video](#)

[Using Coding Labs in MindTap - Video](#)

America Through the Lens

[America Through the Lens Brief Overview with Robert Reid - Video](#)

[MindTap Overview of American Through the Lens - Recorded Training](#)

[Where to Find Reid on the Road Videos in America Though the Lens](#)

Life, World English, Perspectives, Pathways, Reading Explorer, Great Writing, & 21st Century Communication

[Achieving success through digital resources for grades 9-12](#)

[Access additional Professional Development webinars](#)

Time Zones

[Achieving Success through Digital Resources for Grades 6-8](#)

FALL IN LOVE WITH TEACHING HEALTH SCIENCE

Fall Workshop - Especially designed for “New Health Science Teachers” who were not able to attend during the summer.

Offered in 2 Locations

Houston Area at Region IV ESC on Sept. 27th- 28th

Dallas/Fort Worth Area at Region X ESC on Oct. 12th - 13th

16 Hours of Professional Development for education CPE’s (with the opportunity to receive more online)

Cost for the Two-Day Workshop \$185.00

Note: All HISD out-of-district travel and conferences are still suspended until further notice. If plans have already been made, they should be canceled immediately.

Workshop includes a working lunch both days and provides new teachers with resources and training over:

- ✦ Health Science Pathways and TEKS
- ✦ Classroom management
- ✦ Teaching strategies and learning styles
- ✦ Lesson planning and making those lesson interactive
- ✦ Networking with industry and business partners
- ✦ Information on starting Student certification courses
- ✦ Introduction to THOA- Health Science Teachers Professional Organization
- ✦ Introduction to starting a CTSO (Career Technology Student Organization) with HOSA
- ✦ TEA updates including discussions on funding and accountability

FOR MORE INFORMATION OR TO REGISTER, [CLICK HERE](#)

Register because space is limited. Registration is confirmed once payment is received.