

# HISD

# Career Readiness

LEARNING TODAY. EARNING TOMORROW.

**MAY 2022 – VOLUME IV**

## **THIS MONTH WE CELEBRATE**

Education and Training

Human Services

Hospitality and Tourism



## **Teacher of the Month**

ATTN: High School Principals & CTE Administrators! Do you have a CTE teacher who promotes high student engagement, hands-on activities, or other reasons why the CTE teacher should be nominated as CTE teacher of the month? If so, please submit your nomination using the following link:

**[Click here to submit your CTE Teacher of the Month.](#)**

## The CTE Department will host instructors from Solidworks, AutoCAD, and NCCER.

Kindly indicate the courses you are committed to attending in the following link: <https://forms.office.com/r/Mwk0TK32AK>

Please note that these trainings are only intended for high school instructors who implement Solidworks, AutoCAD, and/or NCCER.



If you have additional questions, please contact Judith Loredo at [Judith.Loredo@houstonisd.org](mailto:Judith.Loredo@houstonisd.org).

## Orchestrating Whole Classroom Discussion



### About this Course

This course offers strategies that can lead to richer, more productive, whole-class discussions in their classrooms. Focusing on how to prepare for discussion, this course is for anyone who leads, wants to lead, or is interested in how teachers lead discussion.

Across the 4 sessions in this course, you will learn more about what teachers and students need to do to prepare for rich discussions, including understanding:

1. What is (and is not) discussion, and why discussion is important
2. How teachers set goals for discussion, and establish explicit norms that support these objectives
3. How teachers select texts and prepare text-based questions to guide the conversation
4. How teachers – based on these goals, norms, texts, and questions – then prepare students for the whole-class discussion

The course consists of short videos interspersed with various thinking tasks—such as reflecting on videos of classroom discussions in action and designing and receiving peer feedback on aspects of a Discussion Plan, a plan for a discussion you will lead in your own classroom.

[Enroll for Free](#)

## Instructional Methods in Health Professions Education

This course provides those involved in educating members of the health professions an asynchronous, interdisciplinary, and interactive way to obtain, expand, and improve their teaching skills. These skills can then be applied within their own professional context, with a variety of learners, extending across many stages.



### **After completing this course, learners will:**

1. Understand educational theory as it relates to health professions education
2. Match instructional methods with desired educational outcomes
3. Learn a variety of applied teaching techniques
4. Share successful teaching strategies

Suggested resources will include educational videos, individual readings, recommended reference books, and crowd-sourced recommendations. All students should have dependable access to the internet with video streaming capabilities. Some students may want the ability to utilize on-line video conferencing as well.

**[Enroll HERE](#)**

## **Instructional Design: Digital Media, New Tools, and Technology**

Explore the design, development and use of digital media and emerging technologies to support online teaching and learning



In this education and teacher training course, part of the Instructional Design and Technology Micro Master's Program, you will explore the design, development, and integration of digital media to enhance the learning experience and investigate how media, emerging and mobile tools, and online applications impact technology-mediated learning environments.

### **Syllabus**

Week 1: Digital Media Use and Implementation

Week 2: Technology Tools: From Web 2.0 to 3.0 and Beyond

Week 3: Using Open-Source Digital Media, Freeware, and Shareware to Enhance Learning

Week 4: Curriculum Design: Engage, Collaborate, and Demonstrate

Week 5: Storyboarding: Tell Your Tale

Week 6: Audio Tools and Learning Implementation

Week 7: E-Learning Author Tools and Instructional Design Strategy

Week 8: Video Editing Tools and Instructional Design Strategy

[Register for the Course](#)

## FOSTERING DIVERGENT THINKING AS ONE METHOD TO ENHANCE STUDENT CREATIVITY



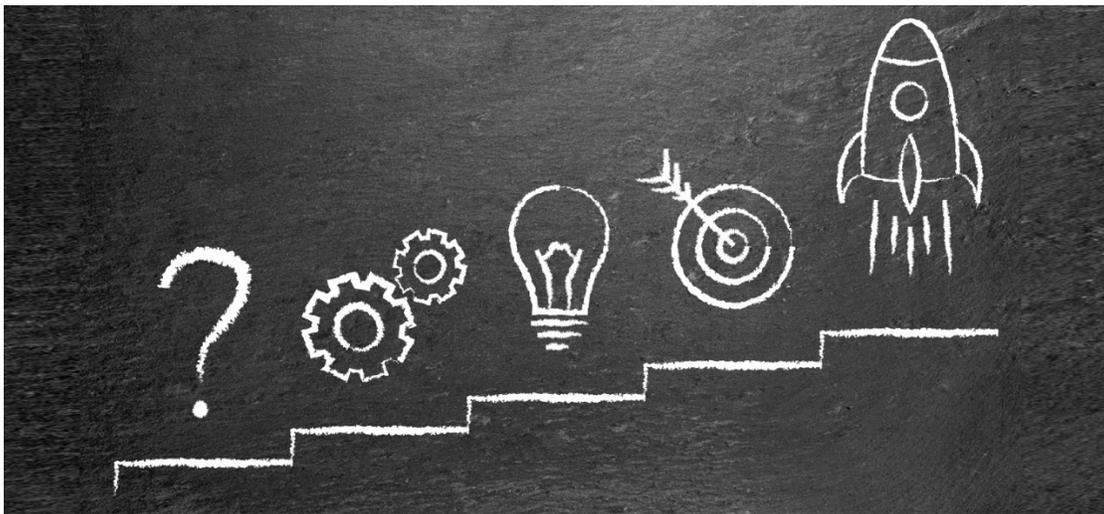
(1 Hour) This quick course will help you to understand divergent thinking and its role in creativity. You will learn about specific activities that can help you foster and support divergent thinking in your students and receive a resource packet consisting of printables for divergent thinking student activities.



[Access the course now](#)

## Tech Fun for Summer Webinar

### Digital Adventures: Engineering Challenges



Summer is a perfect time for educators to shake the status quo, and step outside the box for their students. Instead of having to color inside the lines of testing and standards, summer is a great time for educators to encourage students to be creative, experiment, exercise their autonomy, and really appreciate and love learning. This webinar will provide top tips, suggestions, and fresh ideas to help educators facilitate and promote engaging, fun, and meaningful learning opportunities and activities for students of all ages over the summer break.

[Download Webinar](#)

## ‘Land grab’: an environmental issue?

### Free Course



This free course, ‘Land grab’: an environmental issue? explores how environmental problems are entangled with economic and political issues and offers tools for making sense of the complexity that results. The case of land grab illustrates how everyday issues such as food prices are caught up in connections that link different places, different people, and their livelihoods across the globe; connections that are brought to life in the course through rich audio-visual material and interactive activities.

### After studying this course, you should be able to:

- understand why land acquisition can be considered an environmental issue and the environmental challenges that it presents
- recognize the need for an interdisciplinary approach to interpret and explain environmental issues
- discuss the relationship between economic uncertainty and environmental change
- appreciate the work that analytical concepts can do to make sense of complex environmental issues such as the issues of rights to land and food prices.

### [Enter Course](#)

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Encompassing Technical Training Solutions

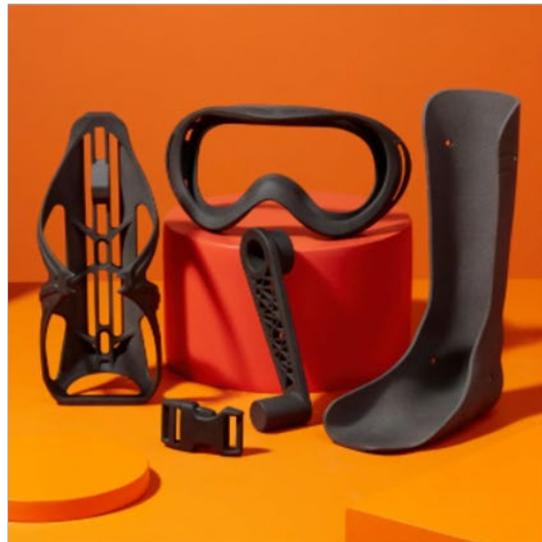
## Formlabs 3D Printing Summit June 14th

### FORMLABS USER SUMMIT

**\*\*FREE TO ATTEND\*\***

Are you interested in SLA or SLS 3D printing or are you a Formlabs user?

You're invited to attend this one-day event sponsored by Lab Resources with **guest speakers** from Formlabs, the University of Texas, Sam Houston State University, Lamar Institute of Technology & Greentown Labs, a commercial makerspace based in Houston.



lunch will be served.

**Space is limited.** Click the link below to sign up. **The event is FREE to attend.**

### PROFESSIONAL DEVELOPMENT

Learn how Formlabs is disrupting & innovating with their **lower cost, lower maintenance** and **high-quality** 3D printing systems.

**Professional Development certificates** will be provided along with Formlabs swag for each attendee. A continental breakfast and

**SOLIDWORKS SIGN UP**

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TEXAS TECH UNIVERSITY  
College of Human Sciences

## Family & Consumer Sciences Education



Professional development for Family and Consumer Sciences secondary school teachers

### Work-Based Learning in Family and Consumer Sciences

Regions 4, 11, 13

Join us for two days of work-based learning (WBL) professional development led by Dr. Cynthia Miller from Texas Tech University's Family and Consumer Sciences Education program. Earn up to 14 CEUs while learning about strategically integrating work-based learning into your middle school and high school Family and Consumer Science courses.

#### Learning Objectives:

- Be aware of solutions to common barriers to offering WBL
- Describe different options for offering WBL opportunities to students
- Communicate solutions to common challenges to offering quality WBL opportunities
- Identify ways to engage parents as volunteers in WBL
- Identify ways to incorporate the WBL continuum elements in WBL opportunities
- Recognize how access, selection, liability, transportation, and evaluations can be communicated
- Utilize key resources in teaching federal laws and regulations specific to WBL
- Develop a WBL Action Plan that aligns with each student's education and career goals, can be implemented in-person or remotely, and includes documented reflection and learning
- Develop a WBL Action Plan that incorporates activities for each level of the WBL continuum
- Determine strategies to measure the quality and success of WBL opportunities

#### Upcoming Dates:

Region 11 - Fort Worth

2/22-2/23

Region 13 - Austin

6/7-6/8

Region 4 - Houston/Deer Park

6/14-6/15

To register, scan the QR code or visit the following link:

[https://ttuhumansciences.qualtrics.com/jfe/form/SV\\_0cd3PouUxkUDJum](https://ttuhumansciences.qualtrics.com/jfe/form/SV_0cd3PouUxkUDJum)



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TEXAS TECH UNIVERSITY  
Division of Diversity, Equity & Inclusion  
College Connect

# GENTECH

July 10-14, 2022  
9-12th Grade  
\$800

GENTECH WILL INTRODUCE STUDENTS TO THE FIELD OF RENEWABLE ENERGY AND THE OPPORTUNITY TO CONSIDER RENEWABLE ENERGY TECHNOLOGIES AS A CAREER. ALL STUDENTS WILL LIVE, DINE, AND ATTEND CLASSES JUST LIKE A COLLEGE STUDENT! SIGN UP TODAY TO EXPLORE TEXAS TECH UNIVERSITY, ENGAGE WITH WIND ENERGY PROFESSIONALS, AND CONNECT WITH CURRENT COLLEGE STUDENTS.



Registration is available on our website!



For updates, follow us on social media!



@texastechcc



Texas Tech College Connect

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# SHAKE HANDS WITH YOUR FUTURE

**JUNE 5TH-9TH**  
**10TH-12TH GRADE**  
**\$800**

**JUNE 12TH-16TH**  
**7TH-9TH GRADE**  
**\$800**

Ready to learn about university life and careers? Join us this summer for Shake Hands with Your Future! Students will experience and explore university life as well as choose and attend classes that are taught by field professionals. Scholarships are available. Sign up today!

**Register on  
our website!**



TEXAS TECH UNIVERSITY  
Division of Diversity, Equity & Inclusion  
College Connect

For more updates, follow us on social media!



@texastechcc



Texas Tech College Connect



## Engaging STEAM sessions

*Designing a Comprehensive STEAM Program: A Beginner's Guide - Michelle Brown; Anne Mangas Smith*

*Makerspace on the Cheap: How to Get Started – Monica Loas*

*STEMulating Design Challenges in Science – Dodie Resendez*

*The Secrets of our Success: How to Build a Successful Mobile STEM Program - Marc Granger Williams*

*Linking Mathematics Curriculum to STEAM Careers - Bobby Murphy*

*Make Retro Style Arcade Games | Dance Party – Microsoft Team*

*Teaching with Minecraft – Microsoft Team*

*Day of Data: Orcas - Use Data to Investigate – Microsoft Team*

### Dynamic keynote STEAM panel including

Dr. LaKenya Perry-Allen, Director of STEM- Stafford Municipal School District; Gaby Rowe, Managing Principal, Grow Associates, LLC; Allen Antoine, Associate Director for Mathematics and Computer Science- Rice University, and more!

### Industry leading vendors like

SAM Labs, Bright Thinker, Get More Math, Edpuzzle, Bulb Portfolios, and more!



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## BridgeYear

**WHAT?** BridgeYear is offering a \$500 One-Time Scholarship to 500 graduates from the Class of 2022 from any HISD High School

**FOR WHO?** For students planning to attend Houston Community College (HCC) for one of the following:

- Associate's Degree Programs
- Certification Programs
- Continuing Education Programs

**WHAT DO YOU NEED?** Our Requirements Include...

- Proof of financial aid submission (FAFSA or TASFA)
- 3 Quick Online Workshops
- HCC Student ID Number
- Unofficial High School Transcript

## THE BRIDGEYEAR SCHOLARSHIP



**DEADLINE:** Friday, June 3rd, at 11:59 P.M.

To Apply, Scan or Visit  
Our Link Below:

<https://tinyurl.com/bridgeyear-scholarship>