

Career & Technical Education Annual February Conference



OPPORTUNITIES
FOR CAREER SUCCESS

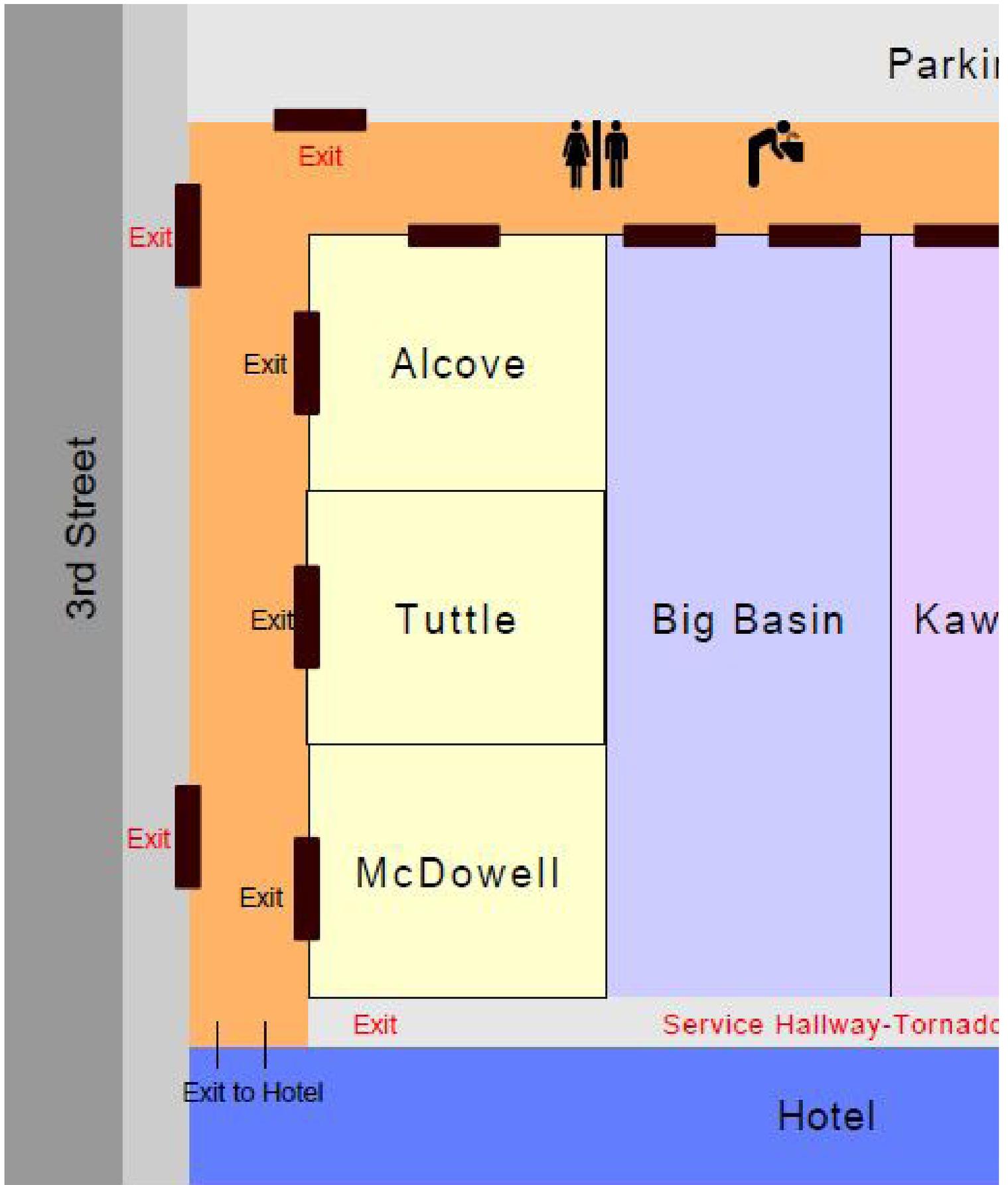
February 9-10, 2016

Hilton Garden Inn & Manhattan Conference Center
410 South 3rd Street
Manhattan, KS 66502

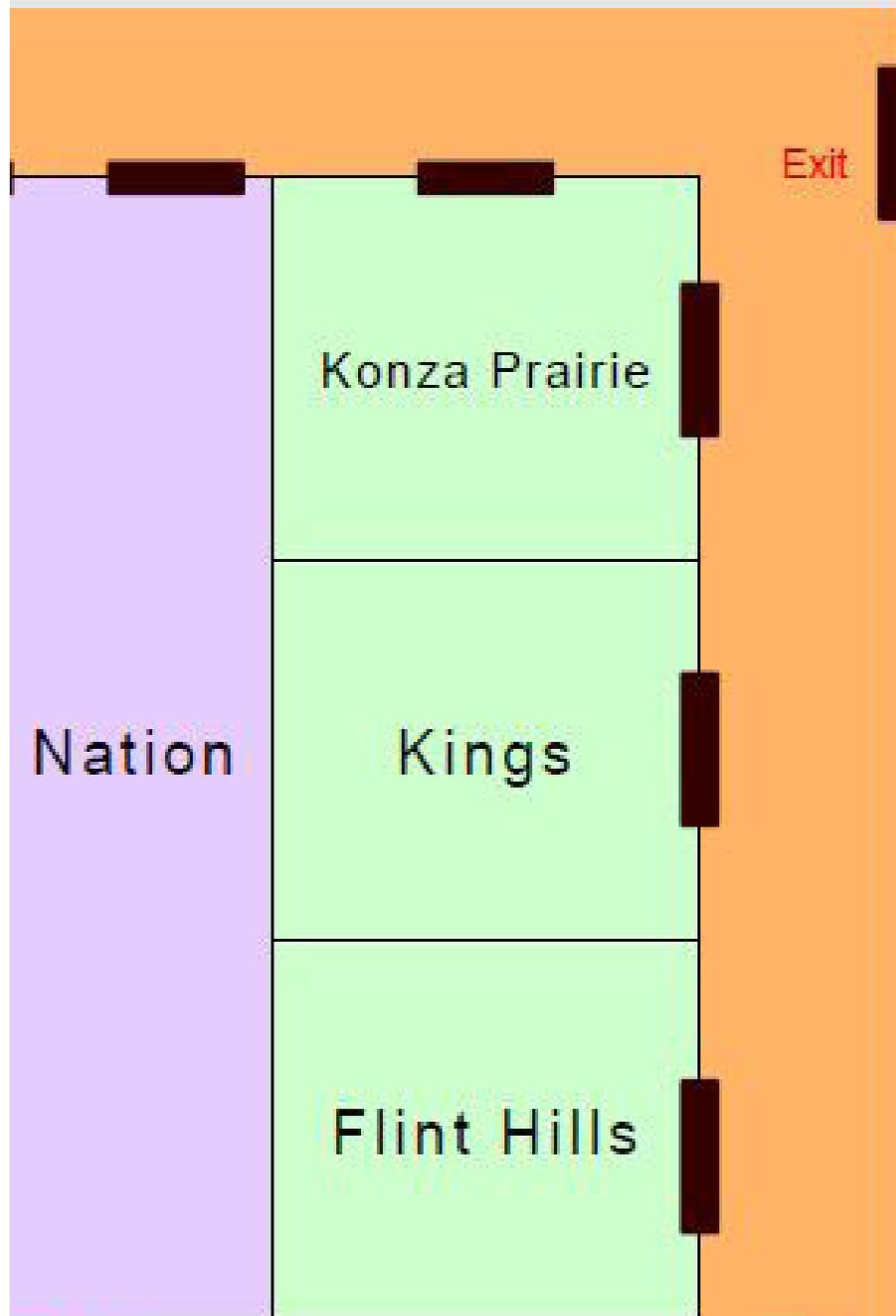
Sponsored by: Kansas Association of Education Service Agencies (KAESA)*

*Members include: Clearwater – South Central Kansas Education Service Center
ESSDACK – Educational Services and Staff Development Association of Central Kansas
Greenbush – Southeast Kansas Education Service Center
Keystone Learning Services
Northwest Kansas Educational Service Center
Smoky Hill Education Service Center
Southwest Plains Regional Service Center

In cooperation with:
Kansas State Department of Education (KSDE) & Kansas Board of Regents (KBOR)



ng Garage



Konza Prairie

Nation

Kings

Flint Hills

Exit

Exit

Parking

4th Street

Shelter



Social

Monday, February 8th
Tallgrass Taphouse, 320 Poyntz Avenue

Complimentary Refreshments

7:00 – 9:00pm

Sponsored by:



Reception

Tuesday, February 9th
Flint Hills Discovery Center, 315 S. 3rd Street
Complimentary refreshments; access to all museum exhibits

6:00 – 8:00pm

Sponsored by:



TRANE®



Keynote Speaker

Shah Selbe **Engineer and Conservation Technologist**

Shah Selbe is an engineer, scientist, systems thinker, environmentalist, and conservation technologist currently residing in Los Angeles, CA. He has worked on issues ranging from clean drinking water in developing communities to overfishing to spacecraft systems. Shah's main interest lies in design and how technology and multidisciplinary efforts can help solve the most pressing problems of today.

Shah created FishNET, a platform approach harnessing technology to detect and track illegal, unreported, and unregulated fishing worldwide. He is a satellite propulsion systems engineer at Boeing Space and Intelligence Systems and the Southern California region representative of Engineers Without Borders. Shah was the recipient of the 2013 National Geographic Emerging Explorer award, a prestigious program that recognizes and supports a handful of unique young adventurers and scientists whose work is making a difference early in their careers.

In his spare time, he enjoys cycling, rock climbing, scuba diving, and volunteering in the community. An avid traveler, Shah hopes that one day he will reach his goal of visiting over 100 countries and 75 UNESCO World Heritage sites.

Shah Selbe

email@shahselbe.com | shah.selbe@gmail.com

Engineer and Conservation Technologist

[Emerging Explorer](#), National Geographic Society

[Social Innovation Fellow](#), PopTech

Southern California Representative, Engineers Without Borders

Spacecraft Propulsion System Engineer

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google voice: 424.999.8SCI

[The Rocket-Science Environmentalist](#), The Wall Street Journal

Schedule at a Glance

Monday, February 8th

1:00 – 5:00pm

CPR/AED Training

Pre-registration required, \$20 fee

Big Blue River, Ft. Riley Rooms (Hotel Side)

2:00 – 3:45pm

New CTE Coordinators Workshop

Pre-registration requested

Alcove Room



4:00 – 5:00pm

KSU Stadium Tour
Pre-registration required, \$10 fee

West Stadium Center, Bill Snyder Family Stadium

7:00 – 9:00pm

Social
Complimentary refreshments provided.
Sponsored by National Geographic Learning/Cengage Learning.

Tallgrass Taphouse, 320 Poyntz Avenue

Tuesday, February 9th

7:00 – 8:50am

Registration
Continental Breakfast

Lobby
Kaw Nation & Big Basin Rooms

9:00 – 10:20am

Opening Session
Welcome & Announcements: Joe Ryan, Smoky Hill Education Service Center.
Keynote: Shah Selbe, Engineer and Conservation Technologist.

Kaw Nation & Big Basin Rooms

10:20 – 10:45am

Exhibitor Expo

Pre-function Space

10:50 – 11:50am

Launching K-5 Students to STEM Success with PLTW
Integrating Core Academics with Real-World Relevance
Powerful Partnerships: Filling the Labor Gap
Thinking Beyond the Screen
Say Yes to FCS in Kansas
With Collaborative Conversations Sandboxes Disappear
Building the Law Enforcement - LPSS Pathway

Flint Hills Room
Kings Room
Konza Prairie Room
Alcove Room
Tuttle Room
McDowell Room
Big Blue River & Ft. Riley Rooms (Hotel Side)

11:50am – 12:50pm

Lunch

Kaw Nation & Big Basin Rooms

12:50 – 1:50pm

Integrating K-12 STEM: Leading the Way for All
Let Go! Let Them Learn
Taking People with You
Geometry in Construction
How to Build Postsecondary Connections for your Students
Barbie vs. Bacon: Natural Portrait Editing in Photoshop
IBCP

Flint Hills Room
Kings Room
Konza Prairie Room
Alcove Room
Tuttle Room
McDowell Room
Big Blue River & Ft. Riley Rooms (Hotel Side)



2:00 – 4:10pm

Wind Energy and its Exciting Careers
Flipped, Hybrid, Inverted . . .

Flint Hills Room
Tuttle Room

2:00 – 3:00pm

Get Them to the Stage
Keys to the Kingdom: Quality Implementation of the IPS
Education & Training: Show and Tell
Taking Design Application to the Real World: Prosthetic Design
Joint Advisory Meetings Between Districts: A Work in Progress
Visual Communication Technology in Interior Design
Health Science Classroom Tips!

Kings Room
Konza Prairie Room
Kaw Nation Room
Big Basin Room
Alcove Room
McDowell Room
Big Blue River & Ft. Riley Rooms (Hotel Side)

3:10 – 4:10pm

The Proof is in the Assessment
Leadership Service in Action: Preparation and Ideas from the Field
CTE Coordinators Update
IPS: An Innovative Solution for Counselors
STEMing with Innovative CNC Applications
Empowering Your Students
Bio-Med/PLTW: Pathway Implementation

Kings Room
Konza Prairie Room
Kaw Nation Room
Big Basin Room
Alcove Room
McDowell Room
Big Blue River & Ft. Riley Rooms (Hotel Side)

4:10 – 5:00pm

Exhibitor Expo
Health Science Teachers Social

Pre-function Space
Hilton Garden Inn Dining & Bar Area

4:15 – 4:45pm

Smoky Hill Perkins Consortium Advisory Committee Meeting
SWPRSC Perkins Consortium Meeting
Greenbush Perkins Consortium Advisory Committee Meeting
ESSDACK Perkins Consortium Advisory Committee Meeting
Clearwater Perkins Consortium Advisory Committee Meeting

Kings Room
Konza Prairie Room
Kaw Nation Room
Alcove Room
Tuttle Room

6:00 – 8:00pm

Reception
Complimentary refreshments provided; access to all museum exhibits.
Sponsored by Trane & Washburn Tech.

Flint Hills Discovery Center, 315 S. 3rd Street

Wednesday, February 10th

7:00 – 8:20am

Breakfast

Kaw Nation Room

8:00am – 1:00pm

KSDE Help Room

Big Basin Room

8:30 – 10:40am

Forensic Crime Science: Integrating Math/Science

Flint Hills Room

8:30 – 9:30am

Utilizing Construction, Cabinetmaking and CAD Classes . . .
Kansas Center for Career & Technical Education (KCCTE)
CTE Partnerships Combining Marketing . . . Culinary Arts . . .
Middle School Career Awareness Event
Health Care Goes High-Tech

Kings Room
Konza Prairie Room
Alcove Room
Tuttle Room
McDowell Room

9:40 – 10:40am

Using Google SketchUp in Carpentry, Cabinetmaking, and Drafting (3D Printing)
Stop Abusing Your Advisory Board Members!
Using Service-Learning to Enhance Student Experience
Connecting Students to Career Development: "Career Cruising"
A Bachelors in Technology Leadership (BTL) Program

Kings Room
Konza Prairie Room
Alcove Room
Tuttle Room
McDowell Room

10:50 – 11:50am

Solving the W's with GIS
Safety in the CTE Classroom
Topeka Center for Advanced Learning and Careers
Google Classroom: Let's Get Started!
Colors
Broadcast Video Production

Flint Hills Room
Kings Room
Konza Prairie Room
Alcove Room
Tuttle Room
McDowell Room

11:50am – 12:50pm

Boxed Lunch

Kaw Nation Room

12:50pm

Safe travels home



Changing Lives...



one student at a time.



Washburn Tech is a nationally-recognized innovator in career and technical education. Our unique affiliation with Washburn University gives students the opportunity to start with technical courses and continue to advanced degrees while preparing for today's careers. We house four national training centers and a multi-million dollar state-of-the-art health care lab:

- CASE Heavy Diesel Construction Technology
- Locomotive Diesel Technology in partnership with BNSF
- Health Care Simulation Center, a new simulated hospital
- Fiat-Chrysler Automobiles Training Center
- Midwest Training Center in partnership with Trane, Snap-on and National Coalition of Certification Centers (NC3)

Our 30+ careers programs, listed below, prepare students with the high-demand, real-world skills that lead to good jobs and career placement. In fact, Washburn Tech has both the highest graduation rate and highest placement rate in the state. Learn more by spending time at our **Tech Town**, located in the main hallway!

Advanced Systems Technology
Certified Production Technician
Machine/Tool Technology
Welding
Business Bookkeeping & Accounting
Legal Office Professional
Medical Office Specialist
Computer Repair

Computer Networking
Building Technology
Cabinet/Millwork
Climate & Energy Control Tech
Commercial & Heavy Construction
Electrical Technology
Graphics Technology
Technical Drafting

Advanced Health Care Tech
Certified Nurse Aide (CNA)
Certified Medication Aide (CMA)
Emergency Medical Tech (EMT)
Health Care Technology
Home Health Aide
Phlebotomy
Practical Nursing

Surgical Technology
Culinary Arts
Early Childhood Professional
Auto Collision
Auto Service Technician
Diesel Technology
Heavy Diesel Construction Tech
Locomotive Diesel Technology

Sessions by Strand

Some sessions may be listed multiple times if they relate to more than one strand area.
Attendees are welcome at any session and do not need to commit to a single strand.

Administrators, CTE Coordinators

New CTE Coordinators Workshop, Feb. 8th 2:00 – 3:45pm	Alcove Room
Integrating Core Academics with Real-World Relevance, Feb. 9th 10:50 – 11:50am	Kings Room
Thinking Beyond the Screen, Feb. 9th 10:50 – 11:50am	Alcove Room
With Collaborative Conversations Sandboxes Disappear, Feb. 9th 10:50 – 11:50am	McDowell Room
How to Build Postsecondary Connections for your Students, Feb. 9th 12:50 – 1:50pm	Tuttle Room
IBCP, Feb. 9th 12:50 – 1:50pm	Big Blue River & Ft. Riley Rooms (Hotel Side)
Flipped, Hybrid, Inverted . . ., Feb. 9th 2:00 – 4:10pm	Tuttle Room
Joint Advisory Meetings Between Districts, Feb. 9th 2:00 – 3:00pm	Alcove Room
CTE Coordinators Update, Feb. 9th 3:10 – 4:10pm	Kaw Nation Room
Kansas Center for Career & Technical Education (KCCTE), Feb. 10th 8:30 – 9:30am	Konza Prairie Room
Stop Abusing Your Advisory Board Members!, Feb. 10th 9:40 – 10:40am	Konza Prairie Room
Connecting Students to Career Development: “Career Cruising”, Feb. 10th 9:40 – 10:40am	Tuttle Room
A Bachelors in Technology Leadership (BTL) Program, Feb. 10th 9:40 – 10:40am	McDowell Room
Topeka Center for Advanced Learning and Careers, Feb. 10th 10:50 – 11:50am	Konza Prairie Room

AV Communications, Visual Arts

Barbie vs. Bacon: Natural Portrait Editing in Photoshop, Feb. 9th 12:50 – 1:50pm	McDowell Room
Visual Communication Technology in Interior Design, Feb. 9th 2:00 – 3:00pm	McDowell Room
Empowering Your Students, Feb. 9th 3:10 – 4:10pm	McDowell Room
Broadcast Video Production, Feb. 10th 10:50-11:50am	McDowell Room

Business, Finance, Marketing

Let Go! Let Them Learn, Feb. 9th 12:50 – 1:50pm	Kings Room
Get Them to the Stage, Feb. 9th 2:00 – 3:00pm	Kings Room
The Proof is in the Assessment, Feb. 9th 3:10 – 4:10pm	Kings Room
CTE Partnerships Combining Marketing . . . Culinary Arts . . ., Feb. 10th 8:30 – 9:30am	Alcove Room
Using Service-Learning to Enhance Student Experience, Feb. 10th 9:40 – 10:40am	Alcove Room

Construction, Manufacturing, Transportation

Powerful Partnerships: Filling the Labor Gap, Feb. 9th 10:50 – 11:50am	Konza Prairie Room
Geometry in Construction, Feb. 9th 12:50 – 1:50pm	Alcove Room
Wind Energy and its Exciting Careers, Feb. 9th 2:00 – 4:10pm	Flint Hills Room
Utilizing Construction, Cabinetmaking and CAD Classes . . ., Feb. 10th 8:30 – 9:30am	Kings Room
Using Google SketchUp in Carpentry . . ., Feb. 10th 9:40 – 10:40am	Kings Room
Safety in the CTE Classroom, Feb. 10th 10:50 – 11:50am	Kings Room

Counselors

Keys to the Kingdom: IPS, Feb. 9th 2:00 – 3:00pm	Konza Prairie Room
IPS: An Innovative Solution for Counselors, Feb. 9th 3:10 – 4:10pm	Big Basin Room
Middle School Career Awareness Event, Feb. 10th 8:30 – 9:30am	Tuttle Room
Connecting Students to Career Development: “Career Cruising”, Feb. 10th 9:40 – 10:40am	Tuttle Room
Topeka Center for Advanced Learning and Careers, Feb. 10th 10:50 – 11:50am	Konza Prairie Room
Colors, Feb. 10th 10:50 – 11:50am	Tuttle Room



Family & Consumer Sciences

Say Yes to FCS in Kansas, Feb. 9th 10:50 – 11:50am
Taking People with You, Feb. 9th 12:50 – 1:50pm
Education & Training: Show and Tell, Feb. 9th 2:00 – 3:00pm
Leadership Service in Action, Feb. 9th 3:10 – 4:10pm
CTE Partnerships Combining Marketing . . . Culinary Arts . . ., Feb. 10th 8:30 – 9:30am
Using Service-Learning to Enhance Student Experience, Feb. 10th 9:40 – 10:40am

Tuttle Room
Konza Prairie Room
Kaw Nation Room
Konza Prairie Room
Alcove Room
Alcove Room

Health Science

CPR/AED Training, Feb. 8th 1:00 – 5:00pm
IBCP, Feb. 9th 12:50 – 1:50pm
Health Science Classroom Tips!, Feb. 9th 2:00 – 3:00pm
BioMedical/PLTW, Feb. 9th 3:10 – 4:10pm
Health Science Teachers Social, Feb. 9th 4:10 – 5:00pm
Health Care Goes High - Tech, Feb. 10th 8:30 – 9:30am

Big Blue River & Ft. Riley Rooms (Hotel Side)
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Big Blue River & Ft. Riley Rooms (Hotel Side)
Hilton Garden Inn Dining & Bar Area
McDowell Room

Information Technology, STEM

Launching K-5 Students to STEM Success with PLTW, Feb. 9th 10:50 – 11:50am
Integrating K-12 STEM: Leading the Way for All, Feb. 9th 12:50 – 1:50pm
Taking Design Application . . . Real World: Prosthetic Design, Feb. 9th 2:00 – 3:00pm
STEMing with Innovative CNC Applications, Feb. 9th 3:10 – 4:10pm
BioMedical/PLTW, Feb. 9th 3:10 – 4:10pm
Forensic Crime Science: Integrating Math/Science, Feb. 10th 8:30 – 10:40am
Solving the W's with GIS, Feb. 10th 10:50 – 11:50am

Flint Hills Room
Flint Hills Room
Big Basin Room
Alcove Room
Big Blue River & Ft. Riley Rooms (Hotel Side)
Flint Hills Room
Flint Hills Room

Other, Multiple Pathways

KSU Stadium Tour, Feb. 8th 4:00 – 5:00pm
Social, Feb. 8th 7:00 – 9:00pm
Opening Session & Keynote, Feb. 9th 9:00 – 10:20am
Integrating Core Academics with Real-World Relevance, Feb. 9th 10:50 – 11:50am
Law Enforcement – LPSS, Feb. 9th 10:50 – 11:50am
Smoky Hill Perkins Consortium Meeting, Feb. 9th 4:15 – 4:45pm
SWPRSC Perkins Consortium Meeting, Feb. 9th 4:15 – 4:45pm
Greenbush Perkins Consortium Meeting, Feb. 9th 4:15 – 4:45pm
ESSDACK Perkins Consortium Meeting, Feb. 9th 4:15 – 4:45pm
Clearwater Perkins Consortium Meeting, Feb. 9th 4:15 – 4:45pm
Reception, Feb. 9th 6:00 – 8:00pm
KSDE Help Room, Feb. 10th 8:00am – 1:00pm
A Bachelors in Technology Leadership (BTL) Program, Feb. 10th 9:40 – 10:40am
Safety in the CTE Classroom, Feb. 10th 10:50 – 11:50am
Topeka Center for Advanced Learning and Careers, Feb. 10th 10:50 – 11:50am
Google Classroom: Let's Get Started!, Feb. 10th 10:50 – 11:50am

West Stadium Center, Bill Snyder Family Stadium
Tallgrass Taphouse, 320 Poyntz Avenue
Kaw Nation & Big Basin Rooms
Kings Room
Big Blue River & Ft. Riley Rooms (Hotel Side)
Kings Room
Konza Prairie Room
Kaw Nation Room
Alcove Room
Tuttle Room
Flint Hills Discovery Center, 315 S. 3rd Street
Big Basin Room
McDowell Room
Kings Room
Konza Prairie Room
Alcove Room

Odysseyware®





Trane, together with The National Coalition of Certification Centers (NC3), supports technical institutions with:

- Advancing students' technical skills in areas related to HVAC
- Creating, designing and implementing technically-advanced classrooms
- Identifying and implementing energy improvements, saving colleges money
- Optimizing building performance to meet campus objectives
- Transforming classrooms and even entire campuses into a living energy lab

To learn more about how Trane can help your institution visit our website: TraneMidAmerica.com or contact Keven Ward.

Keven.Ward@Trane.com 913.599.4664



TRANE®

Session Descriptions

Monday, February 8th

1:00 – 5:00pm

CPR/AED Training

Big Blue River, Ft. Riley Rooms (Hotel Side)

Participants will be able to recognize and react to cardiac emergencies for adults, children and infants with CPR and AED. Participants will learn how to recognize and react to common community first aid emergencies. Successful completion of this interactive session allows the participant to receive a nationally recognized two-year certification.

Session is limited to 20 attendees and requires pre-registration. \$20 fee.

Presented by: Jane Rock, Free State High School; and Jennifer Hare, USD 497 Lawrence High School.

Sponsored by: Kansas Center for Career & Technical Education (KCCTE).

Strand: Health Science.

2:00 – 3:45pm

New CTE Coordinators Workshop

Alcove Room

With the growing importance of CTE as it relates to the New Vision of Education in Kansas now's the time to learn how you can take CTE in your district to the next level! This session is open to all New CTE Coordinators (1 to 3 years), and will serve as a follow-up to our initial New CTE Coordinators session held last September. ALL new CTE Coordinators are welcome whether you were able to attend the September meeting or not. Be sure to bring all your questions/comments regarding Pathways and Perkins now that you have some coordinating experience.

Pre-registration requested.

Presented by: Jay Scott, Kansas State Department of Education (KSDE).

Strand: Administrators, CTE Coordinators.

4:00 – 5:00pm

KSU Stadium Tour

West Stadium Center, Bill Snyder Family Stadium

The \$81 million, 250,000 square foot West Stadium Center opened in Fall 2013, and is a first-class facility that impacts the daily experience of 444 student-athletes in 16 sports who proudly represent Kansas State University. Join us on this tour for an inside look at various features and spaces otherwise off limits to the general public. Tour will cover the Concourse, Premium Seating Lobby, Performance Table (where the athletes eat), and the Premium Seating Areas (Club, Loge, University Lounge and 4th Floor Suite).

Tour is limited to 50 attendees and requires pre-registration. \$10 fee.

Directions from the Hilton Garden Inn: Head south on 3rd Street; Turn right onto Fort Riley Boulevard; Continue onto Tuttle Creek Blvd.; Use the left two lanes to turn left onto Kimball Avenue; Take Kimball Avenue until you see Bill Snyder Family Stadium (BSFS) on the left; Turn left into BSFS through Gate 5 by the marquee; Park in the West parking lot by Gate B near the Bill Snyder statue. The tour will start at the Bill Snyder statue at Gate B.

7:00 – 9:00pm

Social

Tallgrass Taphouse, 320 Poyntz Avenue

Complimentary refreshments.

Sponsored by: National Geographic Learning/Cengage Learning.

Directions from the Hilton Garden Inn: Head north on 3rd Street; Turn left onto Poyntz Avenue.

Tallgrass Taphouse is 0.4 miles from the Hilton, about a 10-minute walk or 1-minute drive.

Session Descriptions

Tuesday, February 9th

7:00 – 8:50am

Registration

Lobby

Continental Breakfast

Kaw Nation & Big Basin Rooms

9:00 – 10:20am

Opening Session

Kaw Nation & Big Basin Rooms

Welcome & Announcements: Joe Ryan, Smoky Hill Education Service Center.

Keynote Speaker: Shah Selbe, Engineer and Conservation Technologist.

10:20 – 10:45am

Exhibitor Expo

Pre-function Space

10:50 – 11:50am

Launching K-5 Students to STEM Success with Project Lead the Way

Flint Hills Room

As early as elementary school, students make decisions whether or not they like, and think they are good at, math and science. PLTW Launch, a STEM program especially designed for K-5 classes, captures students' interest in math and science through hands-on curriculum. Students explore topics such as structure and function, energy and properties of matter, through the use of touch technology, robotics, and everyday materials. This project-based approach fosters innovation and the opportunity to fail forward with experimentation. Join teachers from Goddard Public Schools for an interactive session to learn more about Launch and our implementation in five elementary schools.

Presented by: Julie Cannizzo, Pam Cole, and Doug Mann, USD 265 Goddard.

Strand: Information Technology, STEM.

Integrating Core Academics with Real-World Relevance

Kings Room

Make connections for students as they learn across subject areas and acquire career related skills. In this session, educators are empowered in non-traditional ways to build cross-curricular content for individualized learning whether virtually or in a blended learning environment.

Presented by: Jaclyn Miller, Odysseyware.

Strand: Administrators, CTE Coordinators; Other.

Powerful Partnerships: Filling the Labor Gap

Konza Prairie Room

Energize students for bright career options that await them! Excellent opportunities are developing for students and companies thanks to public/private partnerships such as the one between Washburn Tech and TRANE. We work together to address the labor gap, benefitting corporations by providing highly-skilled workers and also benefitting students by preparing them for good-paying, in-demand careers. Education at the high school level is critical in preparing students with the math and science required in these careers. In addition, TRANE programs such as the BTU Crew begin even earlier by teaching middle school students about a variety of green career options. Learn more about flipping the switch in YOUR students!

Presented by: Keven Ward, TRANE; and Clark Coco, Washburn Tech.

Strand: Construction, Manufacturing, Transportation.



Thinking Beyond the Screen

The world is a much broader and better place when thinking goes beyond the “screen”. The majority of today’s society is engrossed with the content on the “screen” and the careers of the future are creating those devices, interfaces, and tools used on those screens. However, the bigger benefit of CTE is not staying “on the screen” but facilitating learners to become expert communicators, collaborators, project managers, and leaders. With these skills, learners will not only know how to be the source of the “screen” (the creators, innovators, and content drivers) but will be ready to take on further education, careers, and life, regardless of where the “screen” takes society.

Presented by: Anna-Lynn Morris, USD 233 Olathe Northwest High School.

Strand: Administrators, CTE Coordinators; CTE Soft Skills.

Alcove Room

Say Yes to FCS in Kansas

“Say Yes to FCS” is a national campaign to recruit Family and Consumer Sciences (FCS) teachers. The goal of this campaign is to increase visibility and awareness of the Family and Consumer Sciences education career. This session will discuss how to recruit people to become FCS professionals. We will provide both national data and data from Kansas regarding the FCS teacher shortage, describe the national effort to address the shortage of FCS teachers, and provide resources to recruit young people and adults to become FCS educators. Together we will discuss plans to “Say Yes to FCS” in Kansas.

Presented by: Sally Yahnke, Kansas State University (KSU); and Gayla Randel, Kansas State Department of Education (KSDE).

Strand: Family & Consumer Sciences.

Tuttle Room

With Collaborative Conversations Sandboxes Disappear

This presentation will provide an overview of the relationships, conversations and creation of substantive change between our two institutions. Our purpose was to steer SCCC/ATS and USD 480 in a direction to benefit our collective missions: serving all of our constituents and students. Session participants will learn our documented process to create ways of being, and relationship expectations focused not on one need but quantified as “The Need” to serve our students as one voice and as one family.

Presented by: Mariah Cline, USD 480 Liberal; Larry McLemore and Kim Zant, Seward County Community College/Area Technical School.

Strand: Administrators, CTE Coordinators.

McDowell Room

Building the Law Enforcement Strand of the LPSS Pathway

Teachers, law enforcement and students will present their perspectives on what has helped build this pathway from a single elective to over 100 students.

Presented by: Justin Howe, Anthony Davis and Blake McMahan; USD 204 Bonner Springs High School.

Strand: Other; LPSS.

Big Blue River & Ft. Riley Rooms (Hotel Side)

11:50am – 12:50pm

Lunch & Networking

Tables are labeled by strand; please sit at a table that relates to your interest area.

Kaw Nation & Big Basin Rooms

12:50 – 1:50pm

Integrating K-12 STEM: Leading the Way for All

Ever wonder how to provide STEM opportunities for all of your students K-12? Learn how Goddard Public Schools implemented an integrated K-12 STEM program using PLTW. From Launch at the K-5 level, to Gateway in Grades 6-8, to Engineering in high school, PLTW provides a rigorous and relevant curriculum that is innovative and project-based. Goddard Public School teachers will present an overview of PLTW, the implementation plan, and its impact on teaching and student learning. We’ll share professional development opportunities, funding ideas, and how we’re building business/industry partnerships. Implementing a STEM program in your district is possible, come learn how!

Presented by: Julie Cannizzo, Pam Cole, Doug Mann, Mindy Barr, Ryan Rooney and Brandon Sommer, USD 265 Goddard; and David Hosick, Project Lead the Way (PLTW).

Strand: Information Technology, STEM.

Flint Hills Room

Let Go! Let Them Learn

Let's talk dinner, not dessert. Learn how Project Based Learning can work for you. Participants will leave this session with: an overview of Project Based Learning; understanding the difference between projects and Project Based Learning; and access to a free Project Based Learning to use in the classroom.

Presented by: Brenda Clark, MBA Research.

Strand: Business, Finance, Marketing.

Kings Room

Taking People with You: The Only Way to Make Big Things Happen, based on David Novak's bestselling book

Learn how to use the ideas from Novak's book "Taking People with You" to promote CTE courses with an emphasis in FCS by empowering students and taking risks that build relationships with all stakeholders in a school district. Examples will be presented about how FCCLA a student organization has coordinated with District Family Fitness Night, School Climate Team to presenting Dinner for Teachers during Parent Teacher Conferences, AVID site team to present dinner and activities while learning about Advancement via Individual Determination program during a parent night event. Open discussion is encouraged to share and discuss ideas and document with open resources about how other organizations are building community relationships that enhance CTE programs.

Presented by: Alana Thornton, USD 501 Topeka High School.

Strand: Family & Consumer Sciences.

Konza Prairie Room

Geometry in Construction

Learn about our Geometry class that is application based. Emporia High School offers a hands-on geometry class where students learn geometry standards and apply their knowledge through the application of construction projects.

Presented by: Gene Wirsig and Jacob Enick, USD 253 Emporia High School.

Strand: Construction, Manufacturing, Transportation.

Alcove Room

How to Build Postsecondary Connections for your Students

Over the past few years, ten school districts close to or in Johnson County have built strong relationships with Johnson County Community College (JCCC). With this partnership, the school district CTE administrators, JCCC staff members, key partners from 4-year institutions, and business/industry partners have worked together to create meaningful opportunities for students. This collaborative and interactive session will cover a variety of topics including college credit options and events for high school students, high school teacher development, and ways to educate the parents and family members. Best practices among participants will be explored.

Presented by: Ginny Krumme and Laura Swoyer, Johnson County Community College (JCCC); Amy McLain, USD 233 Olathe Public Schools; and Cindy Swartz, USD 232 DeSoto Public Schools.

Strand: Administrators, CTE Coordinators.

Tuttle Room

Barbie vs. Bacon: Natural Portrait Editing in Photoshop

When using Photoshop for portrait editing, it can sometimes be tempting for photographers to go a little overboard on the skin smoothness (Barbie!) or adding too much crispness to other areas (Bacon!). Learn the powerful tools for making your subject look their best, but still look like themselves. We will learn how to find a natural balance for portrait editing using the camera raw filter, layer masks, layer opacity, blending modes, and more.

This is a hands-on presentation, so a laptop with Adobe Photoshop is preferred; a laptop with the free Chrome app Pixlr Editor installed is also an option.

Presented by: Audra Shelite, USD 402 Augusta High School.

Strand: AV Communications, Visual Arts.

McDowell Room

IBCP – Connect Students to Careers and Advanced Studies through the International Baccalaureate Career-related Program

The IB Career-related Program gives students the skills, experiences, and behaviors needed to be college and career ready. Learn about how Hutchinson High School's IB program teamed up with the Hutchinson Career and Technical Education Academy to connect rigorous IB coursework and career pathways to offer the IBCP certificate. This session will showcase our first IBCP completion candidate's journey as an IBCP completer in the health science pathway.

Presented by: Travis Riebel and Laura Benschmidt, USD 308 Hutchinson Career & Technical Education Academy.

Strand: Administrators, CTE Coordinators; Health Science.

Big Blue River & Ft. Riley Rooms (Hotel Side)



2:00 – 4:10pm

Wind Energy and its Exciting Careers

Kansas has the 2nd best wind energy resource for all 50 US states. Development of this energy through Kansas wind farms creates jobs, revitalizes rural communities, adds to local revenues, is very cost effective and reduces our demand for more polluting energy sources. Wind energy is clean, inexpensive, uses no water and is limitless in supply.

This session will explain the development, construction, and “operation and maintenance” of wind farms. You will learn about the huge demand for wind energy employees and the great careers awaiting future employees. You will also learn “shocking” information about how our electrical grid-connected substations work.

Presented by: Bruce Graham, Cloud County Community College; and Michelle Graham, Meridian Way Wind Farm Office - EDP Renewables North American Southwest Region.

Strand: Construction, Manufacturing, Transportation.

Flint Hills Room

Flipped, Hybrid, Inverted . . .

No matter what you call it, it's a new way of thinking about presenting information to students. Traditional methods have us “giving” students information and then expect them to remember it, apply it to what we are teaching, and perform well on assessments. In this session we will show you ways to use technology to better equip our students to be better learners. We will look at the importance of giving students the information prior to discussing the it, ways of making learning materials available, and ways of assessing besides tests.

Presented by: Kim Dhority, Flint Hills Technical College; and Jessica Crabtree, USD 373 Newton High School.

Strand: Administrators, CTE Coordinators; Teaching Methods.

Tuttle Room

2:00 – 3:00pm

Get Them to the Stage

Looking for ways to compete more effectively in a CTSO? Join an experienced advisor as she shares key strategies and tactics that improve the odds. And, the best news is that most of these “secrets” are good career preparation as well. Attendees will leave this session with: specific suggestions for curriculum alignment; tips for preparing to compete; tips for meeting the judge; and ideas for specific, helpful resources.

Presented by: Brenda Clark, MBA Research.

Strand: Business, Finance, Marketing.

Kings Room

Keys to the Kingdom: Quality Implementation of the Individual Plan of Study

Hear the new vision for Kansas and how the Individual Plan of Study (IPS) is the key to driving the future of your school community. We will discuss barriers to implementation, practical tools to minimize those barriers, advisory models and other useful tools and resources.

Presented by: Jay Scott and Kathleen Cochran, Kansas State Department of Education (KSDE); Jana Wedel, USD 440 Halstead-Bentley.

Strand: Counselors

Konza Prairie Room

Education and Training: Show and Tell. Networking across Kansas

Teachers in the Education and Training Cluster are invited to come together, bring ideas to share (copies of lessons are welcome!), share business cards and emails, and take home some new ideas to implement in their school. Topics include: resources you are using; professional tool box; textbooks (please bring your textbook marked with your name and school); lesson ideas (please bring a copy of your favorite lesson or activity to share, 50 copies suggested); professionalism for our observers and interns; Educators Rising; and articulation agreements.

Facilitated by: Jennifer Webster, USD 402 Augusta High School; and Cathy Mong, USD 259 Wichita Public Schools.

Strand: Family & Consumer Sciences.

Kaw Nation Room

Taking Design Application to the Real World: Prosthetic Design

Big Basin Room

Learn how 7th grade engineering and 8th grade medical students at Hadley Middle School are working together to create prosthetics for some very special patients! Eighth grade students keep detailed notes, sketches, and pictures then create a model of their prosthetic ideas and pass this on to 7th grade students that design the prosthetic in Autodesk Inventor. The result of this cross-curricular project is a fabricated prosthetic that has been created on a 3D printer.

Presented by: Sherri Molde, USD 259 Hadley Middle School.

Strand: Information Technology, STEM.

Joint Advisory Meetings Between Districts: A Work in Progress

Alcove Room

Seven school districts in the Kansas City area began joining for various Perkins Advisory Meetings in the Fall of 2014. Holding joint advisory meetings is helping us to work better as partners with business & industry as well as between districts. Presenters will share their inspiration and purpose; organizational and meeting structure; and adaptations we are making. Hear thoughts from teachers, advisors, and coordinators about our process.

Presented by: Karlean Kramer, USD 500 Kansas City Kansas Public Schools; and Kristi Hoffine, USD 204 Bonner Springs/Edwardsville.

Strand: Administrators, CTE Coordinators; Developing Partnerships.

Visual Communication Technology in Interior Design

McDowell Room

Follow an Interior Design course's semester-long timeline to see how it prepares students to communicate visually and incorporates different presentation methods and industry technology. During this session we will investigate the different technology used in this class (online floor plan websites, mood board websites, online portfolio, etc.), so please bring a laptop if available. We will also discuss a final project presentation where students design a one-bedroom/one-bathroom apartment utilizing all the design elements they learned through the semester.

Please bring a laptop with you to fully participate in this session.

Presented by: Kristen Potter, USD 233 Olathe Northwest High School.

Strand: AV Communications, Visual Arts.

Health Science Classroom Tips!

Big Blue River & Ft. Riley Rooms (Hotel Side)

This session will provide attendees with Health Science activities currently being used in the classroom. Presenters will demonstrate a variety of hands on activities and provide tips on when and how to use them. Information about the National Health Science Consortium for Education will also be presented. This is sure to be a session full of tips and tools to take back and use in the Health Science Classroom!

Presented by: Laura Benschmidt, USD 308 Hutchinson Career & Technical Education Academy; and Peggy Kleiber, USD 305 Salina Central High School.

Strand: Health Science.

3:10 – 4:10pm

The Proof is in the Assessment

Kings Room

Technical skills assessments, CTSO exams, end-of-course and –program exams, industry-recognized certifications. Join your trainer for a discussion of formative and summative testing, curriculum/assessment alignment, and what MBA assessment options are available to you to support student preparation for testing and statewide assessment. Participants will leave this session with a better understanding of: exam alignment to the standards; MBA Research's new badging initiative; and rubrics and performance-based assessment.

Presented by: Brenda Clark, MBA Research.

Strand: Business, Finance, Marketing.

Leadership Service in Action: Preparation and Ideas from the Field

Konza Prairie Room

Prepare for the new Leadership Service in Action class and learn ways to prepare your students to become effective advocates by engaging and interacting with parents, teachers, community leaders, and elected officials. Christina Quigley will share her unique expertise in the fields of political science and early childhood education. Course plans, resources and ideas will be discussed. Come and listen or come and share as time allows!

Presented by: Cathy Mong, USD 259 Wichita Public Schools; and Christina Quigley, Kansas State University (KSU).

Strand: Family & Consumer Sciences.



CTE Coordinators Update

If you coordinate or lead CTE in your organization, please attend this facilitated discussion. It will cover the latest and greatest in Kansas CTE and focus on issues/questions you may have related to moving CTE forward in your school or service center. There will be an update from KSDE CTE and then ample opportunity for you to network and discuss your most pertinent, timely CTE topics with your colleagues. Come join us!

Presented by: Jay Scott, Kansas State Department of Education (KSDE).

Strand: Administrators, CTE Coordinators.

Kaw Nation Room

Individual Plans of Study (IPS): An Innovative Solution for Counselors

Big Basin Room

KSDE strongly recommends that school districts implement a research-based individual plan of study for every student, grades 8-12. How can we help students become more aware of options and opportunities? How can students be supported to focus but remain flexible in creating a roadmap that includes the fundamental elements for planning their future? How can counselors nurture collaboration with teachers and families as they guide students in making pivotal education-based decisions? The focus is college and career readiness. The goal is student success. This session will discuss the IPS and share innovative solutions for implementing this positive and life-altering initiative for students.

Presented by: Jenna Johnson, Southwest Plains Regional Service Center (SWPRSC).

Strand: Counselors.

STEMing with Innovative CNC Applications

Alcove Room

Tired of doing the same old thing with your CNC router? Come see what the students of FHSU are doing within their STEM classes, including innovative and affordable CNC Applications using a chalk pen and chalkboard. Save time and money while teaching the basic concepts of CNC technologies and also unleashing students' creative sides.

Presented by: Eric Deneault, Fort Hays State University (FHSU).

Strand: Information Technology, STEM; CNC.

Empowering Your Students

McDowell Room

This presentation is centered around the work my students do in their application level courses for AV Communications and Visual Arts. We work with approximately 5-6 businesses in the community as well as our school district, providing services in writing, design, photography and videography. We operate our own photography business, manage two websites, one for our publication department and the other one is the new district website. We also provide services to our student body and teachers as well. This session will describe the processes and procedures we use to actually run these classes as real-world jobs, the technology that our students use, and the products that we produce.

Presented by: Linda Drake, USD 284 Chase County Jr.-Sr. High School.

Strand: AV Communications, Visual Arts.

BioMedical/PLTW: Pathway Implementation

Big Blue River & Ft. Riley Rooms (Hotel Side)

This session will explore the BioMedical/PLTW implementation at the high school level. We will highlight our program and ways that we recruit and manage the program at each level. We will also discuss the certifications that we offer our students and share resources

Presented by: J.J. Riley, Katie Erickson, Ryan Limes, and Michael Pope; USD 259 Wichita North High School.

Strand: Health Science; STEM.

4:10 – 5:00pm

Exhibitor Expo

Pre-function Space

Health Science Teachers Social

Hilton Garden Inn Dining & Bar Area

Health Science teachers are invited to meet in the Hilton Garden Inn Dining & Bar Area for an informal social, networking, and discussion of the days sessions.

Facilitated by: Martin Kollman, Kansas State Department of Education (KSDE).

Smoky Hill Perkins Consortium Advisory Committee Meeting

Kings Room

This is a meeting for members of the Smoky Hill Perkins Consortium Advisory Committee. FY16 Perkins grant activities and use of funds will be reviewed. Anyone from the following member districts is welcome to attend: USD 107 Rock Hills, USD 108 Washington County, USD 109 Republic County, USD 208 Wakeeney, USD 211 Norton, USD 212 Northern Valley, USD 223 Barnes, USD 224 Clifton-Clyde, USD 237 Smith Center, USD 239 North Ottawa, USD 240 Twin Valley, USD 269 Palco, USD 270 Plainville, USD 271 Stockton, USD 272 Waconda, USD 273 Beloit, USD 281 Hill City, USD 292 Wheatland, USD 293 Quinter, USD 298 Lincoln, USD 299 Sylvan Grove, USD 307 Ell-Saline, USD 323 Phillipsburg, USD 326 Logan, USD 327 Ellsworth, USD 333 Concordia, USD 334 Southern Cloud, USD 378 Riley County, USD 379 Clay County, USD 388 Ellis, USD 392 Osborne, USD 395 LaCrosse, USD 399 Paradise, USD 407 Russell County, USD 412 Hoxie, USD 418 McPherson, USD 426 Pike Valley, USD 431 Hoisington, USD 432 Victoria, USD 435 Abilene, USD 460 Hesston, USD 473 Chapman, USD 481 Rural Vista, USD 487 Herington, USD 495 Ft. Larned.

Facilitated by: Joe Ryan, Smoky Hill Education Service Center.

SWPRSC Perkins Consortium Advisory Committee Meeting

Konza Prairie Room

This is a meeting for members of the Southwest Plains Regional Service Center (SWPRSC) Perkins Consortium Advisory Committee. FY16 Perkins grant activities and use of funds will be reviewed. Anyone from the following member districts is welcome to attend: USD 102 Cimarron, USD 200 Greeley County, USD 210 Hugoton, USD 214 Ulysses, USD 215 Lakin, USD 216 Deerfield, USD 217 Rolla, USD 218 Elkhart, USD 220 Ashland, USD 226 Meade, USD 227 Jetmore, USD 300 Comanche Co., USD 303 Ness City, USD 363 Holcomb, USD 371 Montezuma, USD 374 Sublette, USD 381 Spearville, USD 422 Kiowa Co., USD 452 Stanton Co., USD 459 Bucklin, USD 466 Scott Co., USD 467 Leoti, USD 482 Dighton, USD 483 Kismet-Plains, USD 494 Syracuse, USD 507 Satanta.

Facilitated by: Bill Losey, Southwest Plains Regional Service Center (SWPRSC).

Greenbush Perkins Consortium Advisory Committee Meeting

Kaw Nation Room

This is a meeting for members of the Greenbush Perkins Consortium Advisory Committee. FY16 Perkins grant activities and use of funds will be reviewed. Anyone from the following member districts is welcome to attend: USD 101 Erie-Galesburg, USD 230 Spring Hill, USD 232 DeSoto, USD 235 Uniontown, USD 243 Lebo-Waverly, USD 244 Burlington, USD 245 LeRoy-Gridley, USD 247 Cherokee, USD 248 Girard, USD 249 Frontenac, USD 251 North Lyon County, USD 252 Southern Lyon County, USD 256 Marmaton Valley, USD 257 Iola, USD 258 Humboldt, USD 282 West Elk, USD 283 Elk Valley, USD 284 Chase County Schools, USD 286 Chautauqua County, USD 287 West Franklin, USD 288 Central Heights, USD 289 Wellsville, USD 306 Southeast of Saline, USD 320 Wamego, USD 321 Kaw Valley, USD 329 Mill Creek Valley, USD 330 Mission Valley, USD 338 Valley Falls, USD 339 Jefferson County North, USD 340 Jefferson West, USD 341 Oskaloosa Public Schools, USD 342 McLouth, USD 343 Perry Schools, USD 344 Pleasanton, USD 346 Jayhawk, USD 348 Baldwin City, USD 362 Prairie View, USD 365 Garnett, USD 366 Woodson, USD 372 Silver Lake, USD 377 Atchison Co. Community Schools, USD 384 Blue Valley, USD 386 Madison-Virgil, USD 387 Altoona-Midway, USD 389 Eureka, USD 393 Solomon, USD 397 Centre, USD 404 Riverton, USD 417 Morris County, USD 420 Osage City, USD 421 Lyndon, USD 436 Caney Valley, USD 447 Cherryvale, USD 449 Easton, USD 454 Burlingame Public Schools, USD 456 Marais Des Cygnes, USD 458 Basehor-Linwood, USD 461 Neodesha, USD 462 Central, USD 464 Tonganoxie, USD 479 Crest, USD 484 Fredonia, USD 491 Eudora, USD 493 Columbus, USD 499 Galena, USD 504 Oswego, USD 505 Chetopa-St. Paul, USD 506 Labette County, USD 508 Baxter Springs.

Facilitated by: Marie Hall, Southeast Kansas Education Service Center (Greenbush).

ESSDACK Perkins Consortium Advisory Committee Meeting

Alcove Room

This is a meeting for members of the ESSDACK Perkins Consortium Advisory Committee. FY16 Perkins grant activities and use of funds will be reviewed. Anyone from the following member districts is welcome to attend: USD 369 Burrton, USD 419 Canton-Galva, USD 112 Central Plains, USD 401 Chase-Raymond, USD 268 Cheney, USD 355 Ellinwood, USD 411 Goessel, USD 440 Halstead, USD 410 Hillsboro-Durham, USD 448 Inman, USD 331 Kingman, USD 347 Kingsley-Offerle, USD 444 Little River, USD 405 Lyons, USD 351 Macksville, USD 408 Marion, USD 423 Moundridge, USD 403 Otis-Bison, USD 398 Peabody-Burns, USD 382 Pratt, USD 267 Renwick, USD 439 Sedgwick, USD 438 Skyline, USD 400 Smoky Valley, USD 350 St. John-Hudson, USD 349 Stafford, USD 376 Sterling, USD 106 Western Plains.

Facilitated by: Mike Gripe, Educational Services and Staff Development Association of Central Kansas (ESSDACK).



Clearwater Perkins Consortium Advisory Committee Meeting

Tuttle Room

This is a meeting for members of the Clearwater Perkins Consortium Advisory Committee. FY16 Perkins grant activities and use of funds will be reviewed.

Anyone from the following member districts is welcome to attend: USD 205 Bluestem, USD 206 Remington/Whitewater, USD 254 Barber County North, USD 255 South Barber, USD 264 Clearwater, USD 356 Conway Springs, USD 357 Belle Plaine, USD 358 Oxford, USD 359 Argonia, USD 360 Caldwell, USD 361 Anthony/Harper, USD 375 Circle, USD 385 Andover, USD 394 Rose Hill, USD 396 Douglas, USD 463 Udall, USD 490 El Dorado, USD 492 Flint Hills, USD 509 South Haven.

Facilitated by: Martha Maxwell, The Service Center at Clearwater.

6:00 – 8:00pm

Reception

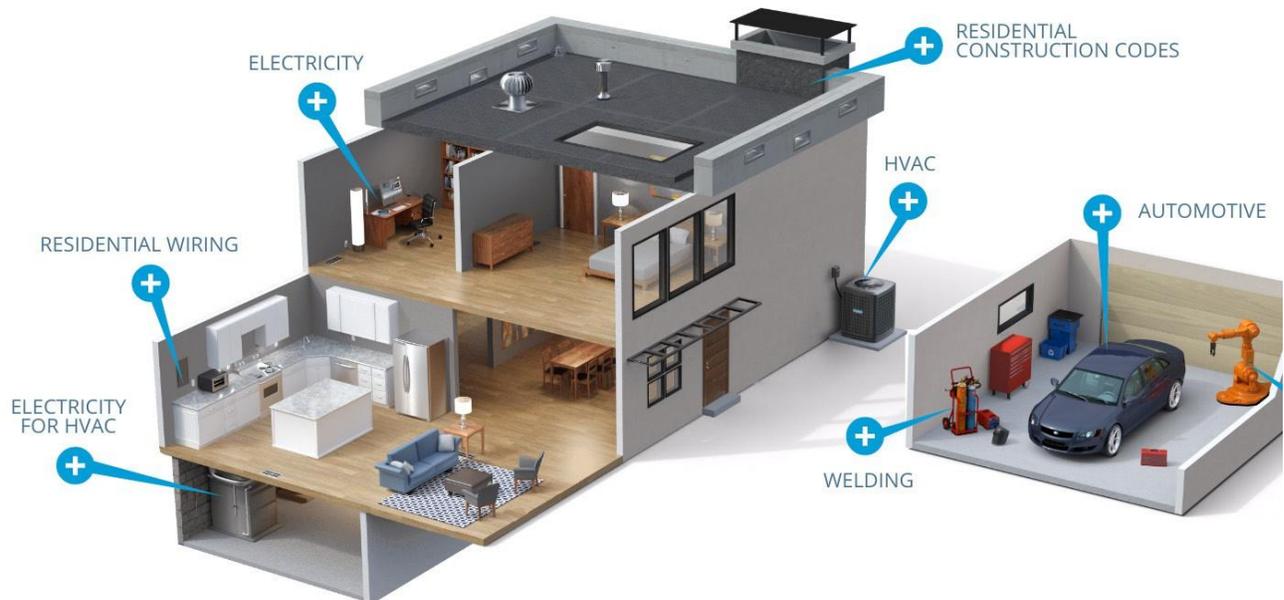
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Session Descriptions

Wednesday, February 10th

7:00 – 8:20am

Breakfast

Kaw Nation Room

8:00am – 1:00pm

KSDE Help Room

Big Basin Room

The following KSDE Consultants will be available to assist with any CTE-related questions: Kathleen Cochran, Kurt Dillon (Agriculture), Angie Feyh (Pathways and Perkins Performance Indicators), Martin Kollman (Rigorous Programs of Study, Perkins, Health Science), Gayla Randel (Human Services, Arts AV Technology & Communications, Hospitality & Tourism, Education & Training), Peggy Torrens (Manufacturing, Architecture & Construction, Transportation Distribution & Logistics, Law Public Safety & Security).

8:30 – 10:40am

Forensic Crime Science: Integrating Math/Science

Flint Hills Room

Blood, bullets, and bodies provide drama in popular CSI shows. But did you know that it is work in the lab using math and science concepts that really cracks the case? Learn how Eisenhower High School's Forensic Crime Science class completes the application level of the Law Enforcement track during an overview of the curriculum. Participants will receive a course outline and experience some of the training and application labs used in this qualified admissions course to engage students in hands-on problem solving. During this workshop you will create a team and participate in several student based training/application labs to solve the "Case of the Shattered Dreams". Activities shared are linked to Math Common Core and Next Generation Science Standards.

Presented by: Denise Scribner, USD 265 Eisenhower High School.

Strand: Information Technology, STEM.

8:30 – 9:30am

Utilizing Construction, Cabinetmaking and CAD classes for Project Production

Kings Room

This workshop will give you ideas and instruction on how to use several key classes together for making group projects. These projects have provided financial benefits to our SKILLSUSA group. The students break the project down into manageable portions and then assemble in advanced classes. To date we have constructed and sold: judges bench, city council table, park benches, ticket booth and cafeteria seating (booths and tables). Attend this session to learn how you can implement similar projects at your school.

Presented by: Robert Taverner, USD 309 Nickerson High School.

Strand: Construction, Manufacturing, Transportation.

**Kansas Center for Career and Technical Education (KCCTE):
To Support CTE Teacher Development and Innovation**

Konza Prairie Room

The KCCTE has four main objectives which include the following: 1) Provide technical workshops at a reduced cost for Kansas CTE instructors. These workshops offer CTE instructors professional development opportunities to enhance their occupation skills. 2) Provide a resource sharing website at no cost to Kansas CTE instructors. These resources include lesson plans, classroom management tips and organizational tools. 3) Provide professional mentorship at no cost to Kansas CTE instructors. This service will assist instructors in transitioning to their role as a CTE educator. 4) Provide Technical Teacher Education coursework to Kansas CTE instructors. This coursework is specifically geared toward assisting CTE instructors in developing their professional teaching skills. This coursework is offered in multiple locations across the state of Kansas.

Presented by: Kelley Manley, Bill Brown, and Greg Belcher; Kansas Center for Career & Technical Education (KCCTE).

Strand: Administrators, CTE Coordinators.



CTE Partnership Combining Marketing, Entrepreneurship, Culinary Arts and Hospitality & Tourism: Restaurant & Event Management Alcove Room

Discover how CTE Pathways can provide a rich learning environment for students with diverse needs while building successful partnerships within the school, community, business, and post-secondary institutions. Stafford is home to the Stafford Entrepreneurship and Economic Development Center (SEED Center), a Main Street office space where students develop and implement their own businesses. USD 349 Stafford has had Rigorous Program of Study (RPOS) success and established a Hospitality & Tourism: Restaurant & Event Management Pathway combining Entrepreneurship, Marketing and Culinary Arts. Attendees will explore and see examples of how existing CTE Pathway programs integrate and collaborate effectively across the curriculum. Presented by: Natalie Clark and Kim Unruh, USD 349 Stafford High School.
Strand: Business, Finance, Marketing; Family & Consumer Sciences.

Middle School Career Awareness Event:

Recruiting Middle School Students for Post-Secondary Technical Education Tuttle Room

Middle school aged students are typically curious and eager to explore the world around them and participate in new activities. At Kansas City Kansas Community College Technical Education Center (KCKCC-TEC), we capitalize on and incorporate these characteristics by offering the Middle School Career Awareness Event. This recruitment tool puts technical education in the hands of the students. Twenty hands-on stations are provided which highlight the different programs available at KCKCC-TEC. This plants the seed for students' considerations of technical and trade careers. Presented by: Carly Eastling, Charles Knapp, and Scott Smith; Kansas City Kansas Community College Technical Education Center (KCKCC-TEC).
Strand: Counselors.

Health Care Goes High-Tech

McDowell Room

Washburn Tech is giving tomorrow's health care worker a dose of the real world! Mary Menninger-Corder, Washburn Tech Health Occupations Coordinator, will explore the pathway that begins with Health Care Technician at Washburn Tech and ends with the RN-to-BSN program at Washburn University. In addition, she will demonstrate some of the high-tech tools being utilized by advanced students including patient mannequins that can talk, bleed and even go into cardiac arrest while health care instructors monitor student response. The technology is part of a multi-million dollar simulation hospital at the Washburn Tech campus. Join us and get a feel for the pulse of health care!
Presented by: Dr. Mary Menninger-Corder, Washburn Tech.
Strand: Health Science.

9:40 – 10:40am

Using Google SketchUp in Carpentry, Cabinetmaking and Drafting (3D Printing) Kings Room

This session will demonstrate how the 3D drawing program Google SketchUp is used in Construction & Design classes. In Carpentry, SketchUp is used to "build" a shed piece by piece during class and discuss the parts of the shed and how they are installed. We then use the 3D model to print out building plans for the shed. In Cabinetmaking, students use SketchUp to "build" their project piece by piece with all the joinery. They use this 3D model to print out building plans for their project. In Drafting, SketchUp is used to teach students about three-view drawing and also to design and customize 3D objects to be printed in the 3D printer. Presented by: Tim Rector, USD 255 South Barber 7-12.
Strand: Construction, Manufacturing, Transportation.

Stop Abusing Your Advisory Board Members!

Konza Prairie Room

Do you have trouble getting Business & Industry (B&I) to show interest in partnering with your institution? Are B&I members unenthusiastic or eager to attend your advisory board meetings? Would you like to know how to pack the room with members anxious to share with you? Find out how to increase the number and participation of B&I members for your CTE program advisory board. Even if you have a "good" advisory board we'll discuss ways to make it better!

Presented by: Bill Brown, Kansas Center for Career & Technical Education (KCCTE).
Strand: Administrators, CTE Coordinators.



Using Service-Learning to Enhance Student Experience

Alcove Room

The Department of Applied Business Studies at Fort Hays State University is embracing Service-Learning to enhance the undergraduate student experience. Students in the Tourism/Hospitality program work with local organizations to apply what they are learning in the classroom into real-life projects. In addition, our Collegiate DECA Chapter has developed a program to reach out to high school DECA Chapters and support high school students as they are preparing Written Research Events, by coaching, consulting, and mentoring through both on-campus visits and technology-based interaction. Teachers attending this presentation will receive a set of professional development posters for their classrooms.

Presented by: Scott R. Jones and Felix M. Albl, Fort Hays State University (FHSU).

Strand: Business, Finance, Marketing; Family & Consumer Sciences.

Connecting Students to Career Development: “Career Cruising”

Tuttle Room

Hutchinson Public Schools is using Career Cruising as a tool for a K-12 approach to career development. Students explore careers through age appropriate activities in elementary school. Interests, abilities, learning styles and exploratory activities are implemented at the middle school level. Then in high school, students develop a plan of study, connect with career pathways, and are connected with career advisors in a mentoring program. This session will take you through our journey of collaboration, implementation and early success in the program.

Presented by: Travis Riebel, Shirley Yoder, and Kent Blessing; USD 308 Hutchinson Career & Technical Education Academy.

Strand: Counselors; Administrators, CTE Coordinators.

A Bachelors in Technology Leadership (BTL) Program:

An Online Program Designed for Technology Educators and their Students **McDowell Room**

Learn how a technology educator can update their AAS or AS technology degree to a BS degree that has been designed especially for educators. Experience how one can complete a 2+2 program in two years or less while transferring up to 40 hours of applied technology classes for credit. This presentation will also show how technology students can continue education with a program to technology degree to a BS degree designed just for them. Other benefits of this program include improved employability, satisfied credentialing requirements and maximum transfer of general education classes with the convenience of a totally online program.

Presented by: Joseph R. Chretien, Fort Hays State University (FHSU).

Strand: All; Administrators, CTE Coordinators.

10:50 – 11:50am

Solving the W’s with GIS

Flint Hills Room

GIS (Geographical Information System) is a problem-solving tool for 21st century learners. Geospatial problems in our global society are the W’s: what is where, why there, and most importantly, why care? One of the STEM pathways can bring this powerful tool to your students. Don’t want to grow your STEM pathways, still come and learn how any school can obtain FREE access to an Organizational Account to ArcGIS Online. Innovate and implement GIS to answer business, social studies, industry and STEM questions. Learn what KSDE has available for your school from Environmental Systems Research Institute (ESRI).

Presented by: Michael Philbrick, USD 115 Nemaha Central High School.

Strand: Information Technology, STEM.

Safety in the CTE Classroom:

Ways to Reduce Liability and Improve Safety for Students, Instructors, and Institutions **Kings Room**

This session will provide affordable suggestions and interventions to raise safety awareness in your CTE classroom or lab. Information will focus on the importance of safety, safety equipment and protocols you can implement with minimal cost. These strategies can be utilized in any CTE program to minimize liability, increase preparedness in the event of an emergency, and provide a safer environment. Participants will be given time to “play” with some decibel and light meters.

Presented by: Kevin Elliott, Julie Dainty, and Jon Jones; Pittsburg State University (PSU).

Strand: All; Construction, Manufacturing, Transportation.

Topeka Center for Advanced Learning and Careers:

Curriculum and Building Design

Konza Prairie Room

The Topeka Center for Advanced Learning and Careers (TCALC) is an innovative high school program created in partnership with business and industry concentrating in four areas: Engineering and Advanced Manufacturing; Bioscience & Biomedical; Business; and Human Services. Juniors and Seniors enrolled in TCALC fast forward into their future as if they already have a college degree and are fully immersed in a professional culture. Learn about the process, current and future pathway activities, and how business input drove the renovation design and curriculum.

Presented by: Eileen Caspers, USD 501 Topeka Public Schools; and Michael T. Wilson, Architect One.

Strand: Administrators, CTE Coordinators; Counselors; All.

Google Classroom – Let’s Get Started!

Alcove Room

Google Classroom is an application tool to create classes and communicate with students. This session will introduce what Google Classroom is, how it is set up, and an overview of what you can do with it. Teachers will learn to enroll students in their class, post announcements, assignments, reuse assignments and attach links for resources students need for the curriculum of your pathway course. If time permits, other add-ons within Google Classroom integrated applications will be shared.

Please bring a device with you to log onto a class and start creating your own Classroom account.

Presented by: Denise Parr, USD 407 Russell High School.

Strand: All; Curriculum Tool for any Pathway.

Colors

Tuttle Room

Julie and Kim use the Colors Personality Test to connect students with career choices and areas of study. Come take the test and see how this connects to technical education choices.

Presented by: Julie Cooper and Kim Dhority, Flint Hills Technical College (FHTC).

Strand: Counselors; Career Readiness.

Broadcast Video Production:

Combining Journalism Technology with Core Academic Disciplines

McDowell Room

Discover how a broadcast video production class can spur students to be professional representatives for your school and community while applying necessary job skills to everyday assignments. Students produce journalistic stories, commercials, promotional videos, and structured news programming distributed on a website, social media, live streaming, and closed building television network. Start small and build the program.

Presented by: Sharlo Rogers, USD 265 Goddard High School.

Strand: AV Communications, Visual Arts.

11:50am – 12:50pm

Boxed Lunch

Kaw Nation Room

Please take a boxed lunch and drink to go if you need to head home.

12:50pm

Safe travels home



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