



IACTE 2019 Conference Proposals

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Career Essentials, The most important skills were the hardest to teach— until now!

Working together in teams, understanding leadership, communicating clearly and demonstrating integrity are required in any career. However, these skills aren't easy to teach — until now. SkillsUSA Career Essentials: Experiences is the next generation of employability skill-building curricula developed for today's students. SkillsUSA Career Essentials: Experiences is everything you need to give your students what they need to be career-ready.

SkillsUSA Career Essentials: Experiences takes your students to the next level of demonstration within the SkillsUSA learning continuum. It prepares students for the transition to the workforce or higher education through authentic project-based experiences. The online curricula empower teachers with high-quality skill development resources and advances the impact of the SkillsUSA Framework. Each Experience is designed with the best practices of project-based learning. They include on-line and off-line learning events including pre- and post-test, an instructor-led kickoff, and content that contributes to project completion. Each Experience engages students in implementing the Essential Elements through contextualized learning applied to real-work situations.

Breaking Barriers for Your Students Through Blended Learning

How can you empower students to have confidence in their financial and career goals? Financial education at an early age can lead to a positive outlook and equips students with the resources they need to be successful. Our financial education programs provide a rich foundation in areas such as budgeting, investing, credit, taxes, and financing higher education. Along their learning journey, the Venture and Endeavor programs provide students an engaging platform to explore career pathways in entrepreneurship and STEM.

These FREE interactive digital resources are student-driven and have assessments embedded into them, enabling students to go at their own pace as the teacher can be a facilitator in the classroom and see measurable outcomes from student work. Join us or visit EVERFI.com/k-12 to learn more.

Kaduceus Kaleidoscope of Certification Opportunities

Kaduceus presenters will expose session participants to a veritable kaleidoscope of medical certification opportunities for high school students. Participate in a jaunt through real-world exercises designed to prepare students for successful certification completion. Kaduceus provides the curriculum, equipment, and industry expertise in the following areas of medical career preparation: Certified Nursing Assistant, EKG Technician, Foundations of Health Science, Medical Assistant, Medical Billing and Coding, Pharmacy Technician, Patient Care Technician, Phlebotomy Technician, and Veterinary Assistant.

U.S. Marine Corps Educator Workshop

This session will highlight the value I found in attending U.S. Marine Corps Educator Workshop in March of 2018. The U.S. Marines Workshops are all-expense paid week long mini-boot camp sessions that expose teachers to the methods used to take raw recruits from diverse socio-economic backgrounds and train them to become Marines. The similarity between the goals of the Marines to train recruits to be soldiers and the goals of CTE teachers to train students to become employable will be explored.

Find Your Strengths and Lead With Them

Chances are we all spend more time trying to fix our shortcomings instead of developing our strengths. This often prevents people from doing their best. Attend this session to learn about strengths and how to become a more effective leader. Strength based schools will also be discussed. At the end of the session, each participant will be given the "Strengths Finder 2.0" book, which contains an access code to take the Strengths Finder 2.0 assessment. This assessment will help you find your strengths. After you complete the assessment, you will receive a personalized strengths-based leadership guide. Use the guide for your own benefit.

How to incorporate soft skills into your daily practice

This session will challenge educators to rethink how they have integrated "soft skills" into their daily instructional practices. Teachers will explore NHA Soft Skills and develop strategies on how to consistently use them in preparing students for the world of work. Teachers will learn how to organize learning around the NHA Soft Skills.

Mystery Boxes-an interactive learning activity

What secrets does the box hold? You can create an interactive learning environment by using clues to open each door. The student will collaborate together to get the combinations. They will learn valuable material. Building teamwork skills, they will gain a soft skill for the working world. Come and try out the mystery box, and learn how it can work in your classroom.

Why Your 1st week of school should be training your students for success in the classroom

This session provides an in-depth look at a six day training module including conference attendees participating in several activities engaging students emphasizing life-skills development aimed at developing successful behaviors in the classroom.

Introduction to Cyber Security

In this session participants will learn the 10 Principles of CyberSecurity and learn how they can be aligned with Common Core and Content Area Standards. The session will provide instructional strategies and FREE online assessment tools teachers can use to infuse CyberSecurity into the curriculum.

GIVE ME 20 APPS!: Learn 20 FREE Fun Applications used to engage and assess students in and out of the classroom. Attendees are strongly encouraged to bring their own device.

Come add to your Technology Teacher's Toolbox! This session will feature 20 FREE applications teachers can use to engage and assess students in and out of the classroom.

Geometry in Construction/Industry Contextual Math Discussion

Geometry in Construction/Industry Contextual Math Discussion

Is your school starting the hands-on course "Geometry in Construction"? Are you thinking about it and want to know more about what it is? Or, do you want to see some industry examples of contextual math and resources to use in your CTE lesson plans to enhance relevance? Dr. Brad Christiansen, Illinois State University STEM instructional designer and PWR Transitional Math Consultant, and Neal Kauffman, project coordinator at Three Rivers Education for Employment System, will share some of their expertise. This will be a discussion atmosphere and will conclude with time for you to share your own experiences and an opportunity to make connections with other educators with similar experiences.

Postsecondary and Career Expectations (PaCE) Overview

In 2016, the Postsecondary and Workforce Readiness (PWR) Act was signed into law. As a result, ISAC in partnership with ICCB, IBHE and ISBE, adopted the Postsecondary and Career Expectations (PaCE) Framework for benchmarking college and career readiness for grades 8-12. The intent of the PaCE Framework is to be an organizing tool to help acknowledge and connect areas of success and identify those that may need additional attention or resources. This presentation provides an in-depth overview of the PaCE Framework. Topics covered include: PWR legislation, an overview of the framework, best practices for implementation, and resources.

Community in the Kitchen or Generation Baking/Cooking

Community in the Kitchen allows students to bring in a guest to bake or cook with them a day. The benefits are can increase your enrollment for your program, how beneficial it is to the students and their guest, to learn and make memories from their guest. If a student does not have a guest teachers can call local business, or community member to come in and to show the community what is going on the the FCS classroom. All handouts are either given to you, or shared with the Teachers. Each teacher will be ready to go back to their schools and get it started within their FCS programs. This program has won a National award from the Home Baking Association along with promoting FCS classes throughout the community.

College and Career Pathway Endorsements: Overview and Community Innovations

This session will include an overview of College and Career Pathway Endorsements under the Postsecondary and Workforce Readiness Act, including the basic requirements, the state-level competencies, and web-based tools for mapping pathways. Then, leaders of Endorsement implementation in Belvidere and Peoria will describe their innovations in pathway endorsement delivery. Belvidere is providing all students opportunities to pursue Endorsements across each of the 7 available areas, with a strong focus on integration of technical and employability competencies and alignment to postsecondary. Peoria has a regional system for Endorsement implementation, delivered in close coordination with employer and postsecondary partners.

Yoga for Educators and Students, On and Off the Mat

Increase the potential of your mind and body through yoga. Research suggests yoga can increase mind-body awareness, self-regulation, physical fitness for students and educators. Join me for an active session of cultivating mindfulness, mudras, sun salutations and more!

Tools for Teaching Economics and Personal Finance

Economics and personal finance are the business of everyday life. Learn about free, high-quality resources that you can use to make economics and personal finance relevant for your students. The Federal Reserve Bank of St. Louis has hands-on activities, lessons involving real-time data, videos, online modules, and readings for teaching high school economics and personal finance. You'll participate in activities designed to help students learn about trade, wealth, measuring unemployment, risk, diversification, and more. You'll create a classroom in Econ Lowdown and preview videos and online modules for your students. Participants will receive copies of all lessons/activities demonstrated in the session.

FCS, What's New--MyCaert, Etc.

FCS teachers, join me to see what new resources are available in MyCaert and learn about upcoming professional development opportunities being offered by the ILCTE Innovative Curriculum Resources Project.

Business Teachers! Resources! Resources! And More Resources!

Let's focus on Business and Technology! Bring your computing devices and explore innovative professional development and curriculum resources that are available to Illinois Business Teachers through the ILCTE Innovative Curriculum Resource Project!

How do you handle emergency & non-emergency events in your classroom!

We will discuss common emergency and non-emergency events that can happen in your classroom at any time. How do you safely and effectively handle these events for the best outcomes for your students? What are the common medical emergencies in the classroom? What events require you to call 911? What events can you safely handle?

MyCAERT update for Health Science Technology Instructors

MyCAERT is expanding the Health Science Technology library of resources. Join us for an information session on resources available. Bring a class roster to learn how to easily set up your class, assign your students work and develop your own quizzes using the MyCAERT library question bank.

Apprenticeship - The Other 4 Year Degree

In this session I will introduce the attendees to what registered apprenticeship is and how it works. I will share a little history of apprenticeship and then I will explain the process that interested graduates typically need to go through to get in an apprenticeship. I will thoroughly explain how the training has been developed to produce a highly trained skilled tradesman at the completion of the apprenticeship. I will explain how many apprenticeship programs are tied into the community college system to award upto 45 college credits for completing the apprenticeship

Innovation in CTE: Tools, Topics and Trends

CTE is changing at a rapid pace. As a teacher, instructor, administrator or counselor...do you know how to keep up with it? Join the Innovative Curriculum Resources professionals as we: share some (free!) tools we have found enhance the classroom experience, discuss topics relevant to the pace of change impacting our classrooms, and evaluate the job market and trends that will help us evaluate how we guide our students through their high school experience as we prepare them to enter the work force.

CTE Community & Industry Advisory Boards

CTE community and industry advisory boards can have a positive impact on the success of CTE programs for a school and district. Employers have seen first hand employee shortages as well as growing skill gaps. This has driven many employers to get more involved in education by developing partnerships to help address these issues. A CTE Advisory Board can be mutually beneficial for schools, districts, employers, and a community. Come hear about how Consolidated High School District 230 has rolled out their D230 STEM & Career Advisory Board.

Stop the Bleed Training

Stop the Bleed is a national awareness campaign. Stop the Bleed encourage bystanders to become trained, equipped, and empowered to help in a bleeding emergency before professional help arrives. A person can bleed to death in less than five minutes, which makes it difficult for emergency medical responders to arrive fast enough to control bleeding and save lives.

Because bystanders and non-medical law enforcement officers may be on the scene before emergency medical responders, Stop the Bleed aims to educate them on how to control bleeding, with the goal of saving lives.

Learn About Senate Bill 2838: The Impact of New Legislative Amendments to the Illinois Dual Credit Quality Act

The Illinois Senate Bill 2838, effective January 2019, is an amendment to the Illinois Dual Credit Quality Act. This session will provide an overview of this legislation, including a discussion on the pros and cons. Because this will impact all levels of education in Illinois, including high school, community college, and universities, an open discussion about the implications of this bill will be provided.

Building Relationships & Preparing Students for Success

Conference attendees will participate in a variety of activities (as students) that will challenge their life skills, critical thinking skills & provide a foundation for training their students for success within any course they teach.

"Teaching for Retention"

This Deep-Dive session will focus on teaching strategies and techniques for students that promote, not only learning, but retention of content material. Attendees will look at the science behind learning and recall, become familiar with strategies that they can employ in their classrooms, and participate in a hands-on lesson building utilizing "retention" strategies.

Pivot your curriculum based on testing results

The presenters will lead you through how to review testing results and make decisions based on data for pivoting your curriculum when needed.

The Escape Classroom

Join us if you dare to discover a new method to end student apathy! This session will take participants on an interactive learning adventure that can be adapted for any classroom. Learn how to design and implement your own Escape Classroom to create a fun and educational activity for your students while enhancing curriculum.

The storyline: a team of educators, scientists and health care professionals have quickly been assembled by the U. S. Centers for Disease Control and Prevention to circumvent a nationwide outbreak of the

dreaded schoolitis infection in our youth. The team's mission is to find a cure to reverse the effects of this terribly contagious disease before it impacts all of our students and teachers!

New Parenting Law, Health and FCS

Teacher will get a curriculum designed to bridge the gap between health and FCS regarding the new parenting law. Teachers will receive ideas of ways to start a conversation with health teachers about teaching parenting in a way that will move students towards careers in child development or education.

Preparing Students to Be Successful in Health Sciences Careers

Presenters will explain the impetus for and the development of the Compassionate All-Inclusive Retention Effort (C.A.R.E.) within the nursing program at Morton College. The C.A.R.E. program strives to increase nursing student retention and success by providing one-on-one coaching, study strategy seminars, tutoring, and other resources for its students. The presenters will discuss the importance of these student success strategies in healthcare education, and they will also share how secondary schools can best prepare students for future education and training opportunities in healthcare.

Feeding the ISBE Data Monster

EFE regions are required to review, monitor, and maintain data on their districts who receive grant funds. This includes data on various CTE activities conducted in the districts, as well as records for ISCS course alignment, CTE educator licensure, equipment purchases, industry certifications, expenditures, CTSOs, etc. NSERVE has developed tools and strategies to make this task efficient and effective to satisfy ISBE requirements while streamlining the process for our schools and CTE administrators. NSERVE will demonstrate these tools to help other EFEs simplify and improve their data collection, monitoring, and reporting.

Testing: How to eliminate the dread and open up the excitement for students AND teachers (is that even possible?)

Let's be honest, no one loves testing. We get it! Truth be told - we feel the same way. Unless... there are benefits to students AND teachers. Come discover ways to unlock the potential of testing through powerful reporting (teachers!) and industry certifications (students!) You don't have to take our word for it, learn why Valley View School District has used our testing system for the past 4 years.

Classroom Management - Which Style Do You Hold?

The design of the breakout session is to identify our strengths and weaknesses when it comes to managing our classrooms. It is also to bring to our attention and allow understanding of the different management/leadership styles we hold in the classroom. The breakout sessions will help us as teacher/leaders to break down where we stand, how we can adapt, become better and make a few changes. Lastly it will show the correlation between student learning and productive classroom management.

"Exam Writing 101: Writing A Test or Quiz for Student Success"

Teachers usually utilize test banks provided by the textbook authors. In this session, attendees will learn how to select test questions that represent all levels of Bloom's Taxonomy. Attendees will learn how to balance a test and evaluate student knowledge and comprehension. A hands on portion will help attendees develop questions or revise test bank questions. Please bring five to ten questions from your test bank or questions that you have written to the session.

Instructional Groups: Putting the Pieces Together

Ever struggle with engaging all students in their own learning? During this session, we will explore strategies that enhance student participation and learning. From Jigsaw, to 4 corners to Save the Last Word, strategies will help keep students engaged while you assess progress towards learning targets. Bring an article, chapter or other reading assignment that you would like to use.

Algebra 2 in Business

Algebra 2 In Business is an alternative approach to learning both Algebra and Business concepts. The program is regionally recognized by the Des Plaines Valley Region School-College Alliance Best Practices. The course was created after the huge success and student interest in Geometry In Construction. Student's expressed their desire to learn math concepts through real world experiences. In the course, students complete multiple business related projects. Throughout the year, students worked with a number of community business leaders. These leaders shared their insight, expertise and experiences. At the completion of the course, students receive Algebra 2 credit, Intro to Business credit and fulfills the Consumer Economics requirement.

Implementing Google's 80/20 in a CTE Classroom

In the CTE classroom we are constantly trying to keep up with the times and update our curriculum to match real-world needs. After visiting Google Chicago and seeing their 80/20 approach to the work week I thought this would be a great idea for the CTE classroom. What if we taught curricular skills for 80% of the time and allowed the students to examine topics related to the skills they are learning for the other 20%? For the last two years I have allowed students to explore with "innovated time off" from the curriculum. I've found this approach allows students to still build the conceptual foundation they need has a new learner in the field yet also fosters creativity and has allowed the students to realized what it would be like to work in the given field (coding, web design, graphic design). In this course I will explain how I took an outdated coding and graphic design curriculum and brought life back to it all while allowing the students Friday's to utilize their skills in real world application.

Business Education Updates from ISBE

This is a roundtable discussion with the new Illinois State Board of Education (ISBE) Business Education consultant to provide educators with up-to-date information on issues that may impact CTE and Business Education. Business teachers will also have the opportunity to share current practices and new innovative ideas to help advance business education across the state.

Instructors Apprenticeship for Career and Technical Education

To address the shortage of CTE teachers in local school districts, the Instructors Apprenticeship for Career and Technical Education is a professional development program to train and support CTE teachers in the development of their technical, cultural, and pedagogical competencies. The Chicago Teachers Union Foundation collaborates with trade organizations to provide training in for highly qualified educators in new and innovative CTE programs such as advanced manufacturing and solar energy. In this session, participants will examine CTUF's successes and challenges as we bring together a network of students, parents, and teachers to rewrite the narrative of career and college ready through job relevant CTE programming in schools.

Why Cutting-Edge CTE Programs Use Augmented and Virtual Reality to Engage Students

From troubleshooting circuitry to dissecting human hearts, discover how students at Joliet Junior College are inspired by augmented and virtual reality (AR/VR) to join STEM and vocational careers. Discuss implementation and integration strategies that offer students the opportunity to achieve

industry-recognized certifications, work-based learning experiences, and articulated college credits. Learn how AR/VR enables experiential learning through student-centered activities that supplement existing STEM/CTE curriculum and align with state and NGSS standards. Get hands-on with AR/VR technology to understand how the technology inspires curiosity, creates engagement, and deepens understanding of difficult, complex concepts.

Business Plan Trade Show/Pitch for High School Students

The presentation is centered around an Entrepreneurship Business plan competition/business pitch that we host each year in our district. We will discuss how we prepare students to formulate a business idea, and develop a business plan throughout the semester. Then we will talk about the criteria that the students must meet for the competition. Next, we will discuss how we partner with entrepreneurs in the community and faculty/administration in the district to judge the event. Finally, we will discuss how we plan and host this event in the district. We will build in a Q & A session for interested participants. We want participants to leave with the tools to make entrepreneurship come alive in their respective schools/district, without a grant or school funding.

Common Misunderstandings About Health Science Certifications and How To Make Sure You Are Choosing The Best Credentials For Your Students.

Your students are the future of healthcare. As an educator, you provide them with a solid educational foundation to help position them for a successful career.

Providing your health science students access to an industry-recognized credential gives them access to hands-on experience, increased post-secondary attainment opportunities, and can empower them to enter a high-wage, high-demand profession.

Learn best practices for implementing certifications. Gain insights on how to identify the best certifications for your program, the steps to help your students prepare, and how to create curriculum that aligns with the workforce demands.

Perkins V Overview and Statewide Planning

ISBE and ICCB staff will provide an overview of the Strengthening Career and Technical Education of the 21st Century Act, reauthorizing Perkins V. The purpose of this Act is to develop more fully the academic knowledge and technical and employability skills of secondary education students and postsecondary education students who elect to enroll in career and technical education programs and programs of study. Staff will discuss state pertinent changes, planning efforts, stakeholder engagement, implementation timelines, and expectations. Additionally, participants will be provided with an opportunity to ask questions and provide feedback that will inform planning and technical assistance moving forward.

When you want to "Dye" with your students

A great way to teach color is to do it by dyeing fabrics. Deb will demonstrate several ways to dye different types of fabric. The easiest way is ice dyeing but she will show some release dyeing and silk painting. You will become addicted and will have fun in this session.

Putting It All Together: How We Prepare Our Students To Be College and Career Ready

This session will share how CHSD 218 CTE programs work with their regional partners to prepare students to be college and career ready. Attendees will learn how Moraine Area Career System (MACS), Moraine Valley Community College (MVCC) and community partners collaborate with CHSD 218. This

partnership provides students with structured Programs of Study, Dual Credit, Dual Enrollment, Industry Certifications and career exploration opportunities. The models shared will address ESSA's College and Career Readiness Indicators.

PWR Transitional and Technical Math: Updates on Implementation

Transitional math is being implemented under the PWR Act. Technical math is one important component of that process with its own set of challenges. This session will provide state-level updates on transitional technical math as well as improvements to community college technical math that are underway.

Introduction to Green Screen Productions using iMovie

This presentation is intended for those who have virtually no experience with iMovie, iMac's and Green Screen production. Attendees will participate in the initial production of an iMovie and the production of a Movie Trailer. Many user-friendly features of iMovie will be used during our production showing in real time how easy a production is to create. If you've ever wanted to use a green screen but were hesitant because you thought it might be too difficult or time consuming, this presentation is for you.

Online Curriculum for Every CTE Classroom

Online Curriculum for Every CTE Classroom ~ Come learn about iCEV's online curriculum resources for all CTE subject areas. Easy-to-use course management tools, such as automatic testing and grading and time-saving lessons plans, make classroom implementation a breeze, while thought-provoking student projects and interactive activities enhance student learning and retention. Through the completion of regular coursework, students can earn industry backed certifications. In-depth career exploration as well as college and career readiness lessons are also included in this all-encompassing curriculum resource.

Solving the work force issue one school at a time. The role of a trade association

The AED Foundation accredits technical programs throughout the United States. I will inform the attendees on the current issues trade associations are seeing. In addition, I will address areas where the AED Foundation is assisting it's members in delivering trained service technicians to their businesses.

Teaching Literacy in CTE

Improve your influence and efficacy by explicitly teaching literacy skills in your CTE courses. Not a reading teacher? No worries. Come away from this session with techniques and knowledge you'll be ready to use in your classroom the next day. Teaching students explicit literacy skills will not only improve their performance in your classes but will help district stakeholders understand the full impact CTE courses can have on students engagement, benchmark data and overall success.

Innovative Curriculum Resources for Technology Engineering Teachers

Participants will experience an innovative lesson and discuss several resources available free of charge for Technology Engineering and integrated STEM curriculum.