**2017 IACTE Conference Sessions – Tentative - As of October 20, 2017**
**CTE:  Creating Futures – February 15-17, 2017**
**President Abraham Lincoln Springfield-a DoubleTree by Hilton Hotels**



February 15-17, 2017, in Springfield, Illinois, at the
President Abraham Lincoln
Springfield - a Doubletree by Hilton Hotels.

**High School District 214 Educator Prep Program: Preparing the Next Generation of Instructional Leaders**
Attendees will learn about the model and resources related to High School District 214's grade 9 to career Educator Prep program, a sequence of courses and experiences developed in cooperation with partners from primary, secondary, and postsecondary education, with a goal of developing the next generation of educators. Attendees will develop an understanding of District 214's Educator Prep model, including the curriculum, community partnerships, and processes which will be used to promote, prepare, and provide seamless transitions to high school students on their career pathway to becoming licensed educators back in the community.

**Springfield Happenings - the Good, the Bad and the Ugly**

An update of current legislation having an impact on CTE, mood of the General Assembly and other significant events in Springfield.

**Preparing Your Students for Industry Certification**

Discover how to use industry recognized certification to increase career prospects and success in the classroom. Information will be given on how to become a Certiport Authorized Testing Center and deliver certifications including: Microsoft Office Specialist, Microsoft Technology Associate, Adobe Certified Associate, Autodesk Certified User, QuickBooks Certified User, and IC3 Digital Literacy. Several curriculum and preparation products will be highlighted during this presentation and all attendees will have the opportunity to request free demo codes.

**Let Your Voice Be Heard!**

Legislative advocacy is very important for all educators, yet many educators do not participate in legislative advocacy because they think they don't have time or they don't know how. Attend this

session to find out about online tools that make it very easy to get your message out! Online resources will also be shared and discussed.

**Career 911: Your Future Job in Medicine and Healthcare (Utilizing the blended classroom for career readiness)**

Career 911 is a first of its kind online learning community out of the Northwestern University Feinberg School of Medicine, for students of all ages aspiring to become healthcare professionals. This massive open online course (MOOC) leverages Individual and group learning platforms, virtual communities, and on-the-ground resources to enhance interactions and opportunities for growth and career advancement. Career 911 is also used as a resource for educators, school counselors, parents, and anyone seeking to support the health career readiness of their students. The course scales a healthcare workforce pipeline program that plants the seed of possibility and lays the ground work for underrepresented and nontraditional students and others who are interested in a career change.

**What leads students to study manufacturing at community college?**

We know there is a shortage of qualified workers in manufacturing, so how do we recruit more students into the field? Come learn about research conducted that explored the perceptions and experiences that led students to choose manufacturing-related programs at community colleges. Participants will learn about career development theory, the historical perspective of vocational education, and the factors that motivated students to pursue a manufacturing career.

**Bring STEM curriculum to life with LEGO Education**

Through a series of hands-on, real-world projects, students experience how science come to life. This curriculum-relevant learning resource builds students' confidence to ask questions, define problems, and design their own solutions by putting discovery in their hands. LEGO features relevant technology, and clearly structured, standards-based projects. It provides an excellent platform for science learning, offering an innovative way for students to model reality, conduct investigations, and use design skills while developing knowledge of science practices.

**Graphic Arts Career Pathway**

Discover how a comprehensive high school created a pathways where students can attain fine arts credit, dual credit with a local community college, and AP credit. Curriculum, course sequences, equipment, teacher certification, will all be discussed along with:

> -How to create a three year course sequence that is attainable for all students
> -What equipment, certifications, curriculum, and software a school would need to create a pathway
> -Community connections, college and career outlook in this pathway
> -Why students are so interested in these engaging courses
> -Potential pitfalls to avoid during your own journey

This hand-on career pathway has many great outcomes for students. It has been often overlooked in the past years in an era where people believed the ""print industry"" was dead.  With MANY applications

and applicable college majors, this could be a great growth area for any CTE or Technology Education program.  Students love it, gain applicable skills, along with college & AP credit."

**The Leader in Me**

Sometimes we ask ourselves if we are the right person for the job. In this seminar, we will dig deep into our psyche, morals, values, mission, vision, and goals through intrapersonal activities. Personality and leadership trait evaluations will be performed to allow participants to leave with tangible evidence of their leadership strengths and weaknesses. True leaders continually develop, learn, and grow to leave the biggest impact!

**Leadership: Creating Positive Agents of Change**

Discover the qualities of becoming a high performing leader while learning to balance life, work, and volunteer activities. While it may seem hard at times to perform this juggling act –it can be done! Strategy , planning, prioritizing, and goal setting will all be focal points –all while exploring ways to spread the wealth and responsibilities among other organizational leaders.

**SkillsUSA Illinois Champions at Work**

"SkillsUSA's mission is to empower its members to become world-class workers, leaders and responsible American citizens.

SkillsUSA improves the quality of America's skilled workforce through a structured program of citizenship, leadership, employability, technical and professional skills training. SkillsUSA enhances the lives and careers of students, instructors and industry representatives as they strive to be champions at work."

**Using Innovative Simulation Technology to Teach Geriatric Sensitivity**

As the Baby Boomer population ages, the number of health occupations for geriatric care will skyrocket. In this session, you'll be introduced to a brand-new simulation experience designed to help health occupations workers develop empathy and sensitivity for the elderly: Participants will learn how the lessons and experiences provided by the RealCare Geriatric Simulator sensitivity suit give users a greater understanding of the effects and challenges of aging by enabling them to personally experiencing age-related physical changes.

**Create a College and Career Ready Program with RealCare Experiential Learning Tools**

Experiential learning tools can be an engaging asset in helping you prepare students to be ready for college and careers. In this session, learn how this evidence-based program combines interactive activities, complete curricula and hands-on simulators for infant care skills, parenting and childcare careers. Hear stories from instructors on program best practices and incorporating core academics into lessons. The RealCare tools encompass goal setting, parenting techniques, coping skills and more.

**Simulate, Replicate, Evaluate: Creating hands-on training with RealCareer Welding Solutions**

Engage your students with hands-on welding training tools to further career path exploration while addressing classroom management and safety concerns. The RealCareer Welding Solutions line includes

welding simulation, live in-helmet welding guidance and visual inspection aids that create an interactive classroom while preparing students with knowledge and proper welding technique.

**Discover Your Future through High School District 214's Center for Career Discovery**

Through Redefining Ready and our Career Pathway initiatives, High School District 214's goal is to make sure ALL students leave high school with more than a diploma. To ensure students are college ready, career ready and life ready, District 214's Center for Career Discovery serves the school and community through career readiness services, programs and events which support students' skill development and post-secondary decision-making. From supported to independent community-based sites, ALL students have access to meaningful and authentic workplace learning experiences aligning with their individual career interests, passions, strengths and educational needs.

**Differentiation: Meeting Students Where They Are & Enhancing Student Engagement**

The need for differentiated instruction is based upon the belief that students' learning increases when they can make a connection between the curriculum and their diverse experiences. No two students enter a classroom with identical abilities, experiences, or needs. Learning styles, language proficiency, background knowledge, and readiness to learn are just a few of the factors that vary within a single class grouping. However, regardless of their individual differences, students are expected to master the same concepts, principles, and skills.

Helping all students succeed in their learning is an enormous challenge that requires innovative thinking. This session will provide new teachers with resources and tools that can be implemented to encourage student engagement as well as promote multiple opportunities for students to learn and grow."

**Individualized Career Planning for All Students: College & Career Ready**

Explore My ICP (Individualized Career Plan), its components, and how students use it to manage assessment growth, learning goals, accomplishments, community service, and career interests. Learn how the ICP process prepares students for a successful transition to higher education/careers and steps to implement an ICP program for your students with this update on implementation at JTHS.

**Energize your C.T.E. department with Cooperative Ed.**

Career Internship, and Entrepreneurship/Incubator programs. Presenters will explain and share best practices, personal experiences, and curriculum for each of the three different programs.

Participants will leave with an action plan to bring each program to their home buildings and will receive access to Google Drive documents for easy implementation."

**"Setting Instructional Outcomes that Are Suitable for Diverse Learners"**

This session will point on setting instructional outcomes for diverse learners. It will focus on diversity as well as differentiation of the content material in the classroom setting. Participants will learn about how to "teach to all students" by utilizing instructional practices that promote inclusion of all students as well as how to differentiate lessons so all students can learn.

**CSAT: A CTE Assessment Tool to Measure CCSS, NGSS, and Student Growth**

Participants are introduced to the CSAT testing tool and review the process to assemble test items linked to CTE content, CCSS, and NGSS standards. MYcaert's CSAT online testing tool has numerous uses: pre-testing, quiz, identification quiz, safety testing, and end-of-course testing. Any and all items in the test item bank may be customized to suit individual programs. Student growth evidence, related to specific content and CCSS and NGSS standards, is measured. Each test report creates an item analysis and a standards-report. The presenters will demonstrate the creation of an online test during the workshop.

**"Teachers Mentoring Teachers: The Bright Start Mentoring Program"**

The Bright Start Mentoring Program, a collaborative program for novice teachers that promotes new teacher acclimation and effectiveness during the first year of employment. Participants will learn about monthly agendas, peer mentoring, informal observations, and actionable feedback. This is a must for those who seek information on mentoring programs.

**OSHA 10 Hour General Industry Safety Card**

This is multi-day session that lead to 10 Hour General Industry OSHA card. This training for entry level workers and employers on the recognition, avoidance, abatement, and prevention of safety and health hazards in workplaces in general industry. The program also provides information regarding workers' rights, employer responsibilities, and how to file a complaint. Through this training, OSHA helps to ensure that workers are more knowledgeable about workplace hazards and their rights.

**Entrepreneurship and the Empowering Nature of Failure**

When is an entrepreneurship class not just a business class? When the program is rigorously authentic, it is anything but business as usual.

- District 214 and their five high schools have partnered with INCubatoredu to launch a unique entrepreneurship program based on the real world. The teaching team included business people as class coaches and mentors. Students create business concepts and pitched to real sharks. Both students and adults learned much more: failure means you're trying, the marketplace demands better, and teachers don't know all the answers. We want to share our story of empowerment. OBJECTIVES ARE:
- Connect schools and community beyond traditional roles.
- Motivate schools to travel an authentic path to learning.
- Empower students to discover their own solutions and pathways to success.

**How to Bring Coding Courses to Your School**

The call for more computer science courses is growing. But, how do bring coding to your school - especially if you don't have computer science teachers? What language do you start with? How do you get training and support for your teachers? Come learn how one school brought a mobile apps development course to their school through the MobileMakersEdu program.

**C.P.R. for STUDENT GROWTH**

Has data gotten you down? Have your scores flat lined? Come and hear how we are Collecting multiple data points, Pivoting for growth, and Reviewing instructional strategies to revive student learning and engage students in the instructional process. Bring some life back into your data by using C.P.R.!

**Online Education with CDX Automotive & Diesel**

CDX Automotive and Diesel has created the most comprehensive training system available; print textbooks, eBooks, audio books, 1,500 videos / interactive animations, instructor resources, etc.

**No Job is Worth a Young Worker's Life**

Every nine minutes, a young person is injured while on the job. CareerSafe's mission is to deliver safety education to America's future through online OSHA 10-hour safety training courses. Students who complete the courses receive an industry recognized credential. Young workers develop a safety mindset and acquire marketable skills. CareerSafe has recently launched a workplace safety and cyber safety training series at a low-cost site license for all students to have an opportunity for safety training.

**Crafting the College Experience for Career Success**

The most successful college graduates are the ones who start with a plan. Completing a degree isn't enough anymore. It's all about finding a passion and then making every moment count, from that first college class, to volunteer experiences, social events, part-time jobs, summer internships, and capstone courses. This session focuses on strategies for helping students craft their individual college experiences with purpose and a plan by setting realistic career goals, evaluating skill GAPs, and strategically choosing part-time jobs and experiences to build the skills that make them marketable graduates. We'll look at ways to document transferable skills, build soft skills through community service, and help individuals transition from students into career-ready professionals.

**Valuing My Education** - **Teaching ROI Strategies for Gainful Employment**

Most students today know their financial aid amount for the current semester, but can't tell you the cost of one credit hour on campus. Identifying the cost and the value of their education is a mystery that leaves many graduates underemployed and facing high debt. This session focuses on using ROI (return on investment) strategies to assist students in developing a financial plan for their college career. Learn new ways to help students identify their true costs, assign value to their own skills, analyze the career paths in their major, and strategically plan for part-time jobs and experiences that can add value to their career. Help students take responsibility for their own financial well-being and develop the skills to transition to professional success.

**Data Matters…Justifying Your Program Success in New Ways!**

How wise are you and your team at providing key services and measurable results? Federally funded programs must now prove they do it better and are not just a duplication of services, even if they were here first. What skills and ultimate short-term and long-term measurable outcomes can you demonstrate to justify how you spend your funds? Should you put your money into the student directly, or into the development of staff? How well aligned are you to the overall institutional mission and the mission of TRIO? Where are you in the gainful employment race? Join us on how to enhance and enrich the measurement of your program.

**One Health & Pork**

"One Health" demonstrates how animal health and human health go hand-in-hand, especially in the use of antibiotics in food animals. Public perception about how farmers and doctors use antibiotics has called into question what's best for the animal and for our food supply. Learn how farmers are raising healthy pigs while reducing the need for antibiotics. Through science-based farming practices, farmers have also made pork one of the leanest, nutrient-rich protein food choices available today. The American Heart Association certified pork as a heart-healthy food in 2012. Discovered how pork compares to other lean meats and what proper cooking methods and temperatures are.

**Tips to Help CTE Professionals Make a Difference**

If CTE professionals are to maximize their effectiveness then internal and external relationships must be utilized to the fullest. Relationships that result in students developing both job related hard skills in a specific field as well as soft skills that will serve a student a lifetime regardless of where they end up will be addressed. Goals of session will be to provide both new and old tips relating to working with students, fellow teachers, parents, administrators and business industry representatives.

**iCEV Online CTE Curriculum**

The iCEV presentation will provide educator's with an overview of the online curriculum offerings, course management tools and industry-backed certifications available from iCEV. Additionally, methods will be discussed for utilizing iCEV to integrate technology and the Common Core in the classroom.

**Accountability and other Legal Updates - Fun for All**

What is the latest and greatest in the world of federal and state accountability and other laws? Where are we going? How are we going to do it? Let's have some fun exploring what is coming next and how we can best prepare for full implementation of legal changes. Why stop there? We will also dive into present and future legislative initiatives on the horizon. Come one, come all.

**Live to Win - 7 Weeks to Balanced Success**

"A presentation - Live to Win 7 weeks to a Balanced Success. Mental, Spiritual, Physical, Family, Financial, Personal, and Career. 1. Start with Your Why, Dreams, and Goals. 2. Understanding life is a journey from Survival to Significance. 3. Realize that Hope activates Optimism which unleashes Creativity that allows you to create winning habits. 4. Step by step replacing bad habits with good habits in every area of your life. 5. Believe you have to BE the right kind of person and DO the right things in order to HAVE Balanced Success.

An educator that feels better about their life and can share what they have learned with their students will be more effective in the classroom."

**Magnetar Academy: Why teach investing?**

Magnetar Academy uses technology, teamwork and competition to teach high school students about personal finance. The workshop will give an overview of the how the program works, explain its innovative features and why investing is included in the curriculum and strategies that teachers can use to teach investing.

**Creating Entrepreneurial Opportunities**

Entrepreneurship education seeks to prepare people, especially youth, to be responsible, enterprising individuals who become entrepreneurs or entrepreneurial thinkers and contribute to economic development and sustainable communities. This is much more than a textbook course. Rather, students are immersed in real life learning experiences with the opportunity to take risks, manage the results, and learn from the outcomes.

**Portfolios Development: Instructor & Students**

A portfolio is an organized collection of evidence indicating what a person knows and is able to do regarding a particular academic discipline, topic, or area of occupational competence. This workshop is an introduction to portfolio development and addresses various portfolio types: hard copy, electronic, and mobile. The workshop links with the Danielson "Smart Card" framework–a graphic that details evidence in the four domains of teaching–and workshop time is planned to draft a Smart Card for use with Illinois PERA (Performance Evaluation Reform Act). Portfolios provide evidence of a learner's growth and development of advanced content and of higher-order thinking skills and complex concepts: critical thinking, synthesis, problem solving, teamwork, etc. Sample portfolios and sample Smart Cards will be shared.

**CTE and Students from Special Populations: Illinois Student Data & Next Steps**

Presenters will share two years of data collection/findings from Illinois high school's regarding CTE and students from special populations. Participants will learn about students from special populations, especially nontraditional recruitment and retention, and students who are economically disadvantaged. Resources and strategies of best practice will be provided to participants.

**Reignite your Health Science Anatomy Instruction with Engaging, Interactive, Hands-on Teaching!**

In this workshop, attendees will build human anatomy using clay and a specially designed skeletal model. The goal: Explore anatomy from the inside out! Acquire the knowledge to engage health science and anatomy students with immediate, hands-on learning using a proven method that is nationally recognized to increase student retention and test scores.

This Workshop will emphasize the skeletal system, exploring directional terms, muscle and bone morphology, as well as concepts that will lead into other body systems. It will also demonstrate how to create true inspiration in the classroom, with results that can guide students into the world of medicine and health-related careers. This is an amazing discovery of interactive teaching and learning.

**Your Digital Footprint: Who's Following You, How and Why?**

No matter what you teach, today's students are tied 24X7 to the Internet through texting and social media like Facebook. What are the implications of the digital footprints left behind? Join this eye-opening session to look at everyday digital activities and how they are exploited to put you at risk. Learn who is following your digital footprint, how it's done, and why. Live demonstrations.

**The Invisible Web**

The Invisible Web silently weaves itself into your life in ways you are largely unaware of. It tracks all your online moves in surprising detail and comes to know you intimately. It can anticipate your decisions with near 90% accuracy, and know things about you before you do. This session will briefly explore how the Invisible Web differs from the Web, the Dark Web, and the Deep Web, and delve more deeply into how the Invisible Web affects you, your students, and what measures you can take to disentangle yourself while still enjoying an online life. Live demonstrations.

**Why passwords are worthless and what to do about it**

"Every day there are stories of hackers breaching passwords. Tomorrow's hacker might be a student in your classroom today, and he may be practicing on you, changing grades or altering attendance records. How does he do it without your knowing? Come to hear true Illinois stories and see live demonstrations of passwords being cracked. Counter measures will also be discussed so you can learn how to safeguard your personal data.

**Etiquette Talks**

Would you be afraid to dine with your students in public? Are they prepared for interviews? Do they know how to dress appropriately for a job interview? Learn valuable tips that will give them an edge in the job market and prepare them for life in the real world.

**Exploring Future Careers**

Are you looking for ways to get your students out into the workplace, but don't have a Co-Op program? Join us for information on how our students organize their own workplace experiences during the last quarter of our Health Occupations Program. We will share with you the materials we use to give instructions to students, how we inform businesses, and how the students write weekly reports about their experiences to earn credit. This information can be adapted to fit your program.

**Authentic Automotive Assessments**

In this session we will share how we've created labs that allow us to assess individual student skills and developed an assessment that mirrors industry customer services reports which incorporates common core.

**Making Community Partnerships Work**

Part of District 207's vision is for every student to have a career experience before they graduate. This means that we need to connect over 1,700 students with business partners each year. Learn how we are developing and sustaining relationships and creating out of the box opportunities.

**Applied Learning - Teaming up with Math and Applied Tech**

In this session we will talk about how we've created a circle of partnerships - Habitat for Humanity, Oakton Community College, Math Department and CTE Department - to create a hands-on experience while giving back to the community. Students enrolled in this math/CTE course learn geometry and then apply what they've learned by framing a house for a Habitat family.

**The Power of Professional Organizations for You and Your Students**

Learn how to get the most out of career and technical education professional organizations for you and your students. For a relatively small membership cost you can gain invaluable information to improve your teaching. Find out how to get the most from your professional organization membership. You must do more than pay your dues. Active involvement is fun!

**Developing a Successful Advisory Committee for your Programs**

Advisory committees can be extremely beneficial to career and technical programs. Their purpose can be to provide a link between business and industry and CTE staff. They can advise staff on current needs of their industry, make suggestions for specific equipment/software use, become mentors to students, assist in career events, and become internship/co-op sites for students. This presentation will give the attendees step by step suggestions/tips to develop a advisory committee, and most important how to utilize the committee to their utmost potential.

**Clay in the Classroom and Other Great Ideas**

This session is focused on health science teachers, but many of the activities reviewed can be applied in any content area. Hands-on activities, review games, and more will be covered to bring some excitement back to the classroom.

**The Office 365 Classroom**

This session will review ways to deepen the implementation of Office 365, One Drive, and OneNote Classroom in your school. Please bring a device (preferably already set up with Office 365) to the session to allow you follow along and experiment. Overview of use of the various technology tools, tips for implementation, and examples of classroom use will be provided.

**Recycle, Repurpose, and Reuse**

Are you having trouble finding projects for your sewing and fashion classes? Here is a session to reuse and re purpose old clothing and accessories into new stylish projects that your students will love. T-shirts can become vests or scarves, lace adds new dimensions to old clothes, and old wool sweaters are felted into decorative totes. Set your classroom up for students to be able to create and redesign projects to match their style!

**Healthy Eating Made Easy**

How can you teach students to apply the new Dietary Guidelines and eat healthier? Hy-Vee Registered Dietitian Charlyn Fargo will give you practical tips to make healthy eating a part of your lifestyle. In addition, she will discuss new grocery store options that can help.

**Does Twitter Have a Place in CTE?**

With social media on the rise, how can CTE classrooms get involved? This session will give a quick tutorial on the basics of Twitter and ways to connect knowledge, conversation, and communities in CTE.