

GAINING MOMENTUM IN CTE – BUILDING YOUR CTE TOOLKIT

DATES: APRIL 18-19, 2019 PRE-CONFERENCE APRIL 17TH, 2019

LOCATION: THE HOTEL EUGENE; EUGENE, OREGON

Putting Students on the Apprenticeship Path	This will be a hands-on session for career counselors and CTE instructors to help students understand the pathway to apprenticeship. Attendees will fill out an application and begin their own mock portfolio to learn how to guide students in the application/point accumulation process. Bring a laptop or iPad to begin formulating your sample portfolio.
Working With Our High School Partners	At Blue Mountain Community College, we work closely with our high school partners to ensure that our programs are in alignment. In this session, you will learn about the student learning outcomes checklists and open educational resources that we share as well as mock interviews and a few activities.
Beginners guide to starting a digital design and fabrication lab	Outline for participants the steps I took to get our fab lab started including syllabus, scope and sequence, pacing, recruiting students and acquiring machines and materials.
Building Programs of Study that impact your Community	Looking to start a new Program of Study? Or does your program need an update? We'll share a case study how a need in our community formed the basis of a new POS and how joining a CTSO like SkillsUSA added to our community collaboration to build our toolkit.
Strategies to Unify CTE, Academics, and Counseling to Maximize Student Reach	As career readiness becomes more prominent in K12 education, one of the best ways to maximize both student reach and student impact is to integrate CTE with academic and counseling processes – rather than making students choose between paths. This session will cover several key strategies to doing this effectively.
NCCER Testing and Registry System	ABC PNW and Karen Keith of Pearson to present the NCCER curriculum and the benefit of utilizing the Testing and Registry system for certification.
Programming and Digital Fabrication with Arduinos	All-day workshop of building Arduino-based tanks/rovers combined with digital fabrication to produce chassis parts/components.
Pharmacy tech for High School	The session will include a overview of the structure of our program as well as feedback from the high school instructors. We will discuss why we set it up and what obstacles we faced running it for the first time. We will also discuss where we are now and the future of the program.
Branding your CTE Course!	This session is a workshop on how to use the language of skills to market your CTE course to students. Participants will design and create a branding poster that gives students the name of their course and the skills they can develop by successfully completing the course.

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Classroom Elements of Design: Why it matters.	IBI Group is a global team of industry leading architects, engineers, planners, designers, and technology professionals. This session will provide a project based lesson that will help you assess your classroom environment and leave with a reproducible lesson to connect students to critical thinking skills in elements of design.
Apprenticeships: What I wish I knew, from the 20 something crowd	National Apprenticeship Week: Why get involved? This apprenticeship session will be hosted by young adults that will talk about what they wish they had known, and what they might have done different if they had known more about apprenticeships. Along with these students their training agency leaders will be on hand to help answer questions. Sign up for NAW will be available.
Educator Externship: Statewide	The Educator Externship is expanding into other regions of Oregon. Come here from Eastern and Southern Oregon on the 2018 expansion. Come consider how your district can use the Educator Externship to meet strategic goals of you school district and CTE programs.
Chemeketa Pre-Apprenticeship Program: Planting CTE Seeds and Growing Opportunities For High School Students	Come learn how regions are utilizing BOLI approved pre-apprenticeship to help high school CTE students get a leg up in the apprenticeship application process. Presenters from Chemeketa, Lane School District, and BOLI will explain the nuts and bolts of creating programs that provide industry-recognized skills and abilities for high school students.
Collaboration and Entrepreneurship - A Roadmap for Success	Through collaboration between our two programs and the creation of a new Fabrication and Design Club, we have created a system in our school where students are designing, making, & selling various products, and in the process creating & marketing a strong brand within our school district & community. This is our first real year of working together and in the month and half leading up to Christmas, we sold just over \$3700 worth of products that our kids designed and created.
DIY Battery Tester Project	Overview of a student project developed under the guidance of a local electrical engineer. Students follow a tutorial to assemble a functional battery tester from scratch, including designing and fabricating an enclosure of their own creation. Provided to attendees: List/costs of required materials and tools, tutorial and support materials.
Partnering for PBL	Expanding Project Based Learning with industry partners and the problems that industry encounters to the CTE classroom. The session will expand the concept of Project Based Learning and Problem Based Learning to examine Partner Based Learning. Using industry partners to help instructors and students to identify problems that need solutions and assist in the project management for the scope of the work.

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Buidling A CTE Computer Science Program of Study	How can districts create opportunities for all students to participate in CTE computer science and engineering programs in high school? What are some national, data-driven curriculum specifically focused on equity and inclusion that can be used to create a rigorous and robust CTE CS program of study aligned to national standards? What state and national funding streams ca be used to support this effort? Join this session to find out.
Industry Certifications for all Students	Precision Exams offers 189 CTE assessments the provide course-level industry certifications and allows testing of all students. Come learn how PE helps schools and districts gain more industry involvement and recognition in their CTE programs and how our robust reporting tool can help support program improvement and measure student growth.
Anesthesia Technology and Preparing the Technician	New program and career track for Oregon. There are only 2 programs on West Coast. Developing and implementation of this program for Chemeketa Community College and our worksorce partners.
Connecting the Classroom to the World of Work through Partnerships	Work-based learning is a critical component of many career pathways frameworks, as a strategy for increasing postsecondary attainment and employment in high-growth, high-demand, high-wage fields for youth. Elevate Lane County, based in Oregon, was launched to meet the very real and immediate challenges of economic development, student achievement, and global competitiveness. Please join us to learn how to support leaders operating in their areas of expertise, how to provide students and industry partners with a sense of belonging to their community/economy, how to bring people together to have an equal voice in aligning resources, efforts, and meet everyone’s needs, and how you can establish what is important to educators and industry and work together to address the gap in understanding and experience.
Carvey CNC Basics	Carvey is a tabletop CNC router for both entry-level and advanced users. It's easy for absolute beginners to produce something right out of the box with the compatible Easel app, and it allows advanced users to test their skills by importing g-code from CADD programs. The self-contained is small, quiet and safe. Get a user perspective on the pros and cons of adding this tool to a maker space.
SkillsUSA - Career Ready Starts Here	Overview of SkillsUSA - the second largest CTSO and one that is consistently growing in Oregon. SkillsUSA serves high school, college and middle school students who are preparing for careers in trade, technical and skilled service occupations, including health occupations, and for further education. SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce.

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Making classroom management fun	Too often teachers burnout due to classroom management discipline issues. In reality, there are straightforward changes you can make that will take the focus off the discipline. Here are 60 applicable changes you can make to your class today so you can focus on teaching again!
Teacher Panel Tips from the Trenches (Moran)	This panel of experienced shop teachers is ready to tell all their secret tips and tricks for managing the modern shop that includes lessons, safety handouts, procedures, and knowhow! The modern shop includes woods, metals, CNC, 3D printing, vinyl cutting, laser, and more machines. Bring a laptop to take notes!
CTE Administration 101	Being a CTE Administrator can lead to unusual requests for everything from purchasing to field trips. Learn more about best practices on how to make a successful learning community by supporting educators in their work with students. Karen is a former CTE Administrator of the Year and has worked as the Principal at Sabin-Schellenberg Professional Center for over a decade.
Successes and Challenges in Supporting CTE Teachers	Participate in a facilitated discussion with Oregon administrators on tips to success when recruiting, hiring, and supporting your new, mid-career and veteran CTE teachers so they can provide powerful, safe and hands-on learning for students of every ability level.
Activities to build community in your classes	South CTE teachers and one Junction City teacher will share their best community building games they use in the classroom. Getting to know your student's leadership strengths and weaknesses through cooperative learning activities is vital to a successful program. We'll show you our best techniques in this fun filled workshop.
Transitioning from Industry to Classroom	In this session attendees will learn how to take their industry specific knowledge and transition it to a classroom using scenario based training while maintaining the rigor of an evaluation system. Attendees will learn the difference between training and teaching as it relates to secondary and post-secondary classrooms. They will leave with an understanding of how to build authentic scenarios using specific industry knowledge that can be added to their classrooms.
Early Learning Program	Tips and Tricks on Promoting your CTE program
High-Tech Ed? YES! But How?	It is the desire of all district decision makers to provide meaningful, and relevant curriculum that prepares our K-12 students for the future. This workshop session will help administrators and teachers identify resources and overcome obstacles as they work to add and/or enhance high tech programs including computer science and engineering in their secondary schools. Curriculum and staffing solutions will be explored. Funding resources will be identified and solutions to staffing challenges will be identified.

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Leveraging Partnerships to Serve Students in CTE	This session reviews strategies and opportunities for leveraging internal and external partnerships in career and technical education. We will focus on a relationship-based approach, with examples across areas from business to early childhood education. Participants will have the opportunity to consider the partnership possibilities for their own programs.
An Evolutionary Tale: A Health Science POS and the Stickman	New programs are daunting! Learn steps to evolve your Health Science CTE Program of Study. Hear how one school took an idea and turned it into a progressive model! Assess which stage of evolution your program resides and create a working plan to grow your program into your ultimate vision.