

PRECONFERENCE SCHEDULE AT A GLANCE 2018

Monday, October 22

7:30 am – 4:30 pm **REGISTRATION**

7:30 am – 4:30 pm **EXHIBITOR SET UP**

8:00 AM - 5:00 PM PRECONFERENCE SESSIONS

AVTEC TOUR

8:00AM - 4:30PM TRANSPORTATION AND LUNCH INCLUDED

LEARNING OBJECTIVES:

A better understanding of the focus of the programs at AVTEC; gain knowledge of the enrollment requirements and process for sending students to AVTEC.

Enjoy a ride on one of the most scenic highways in Alaska, the Seward highway and visit the Alaska Vocational Technical Center. For nearly 50 years, AVTEC has been expanding employment opportunities for Alaskans through robust and rigorous training in high demand job areas. This tour of the facility will provide a back room look at the resources available for students including their living arrangements. You will be treated to lunch in the cafeteria and hands on experiences such as your students will have when the enroll in an AVTEC program.

TOUR KING TECH HIGH SCHOOL AND UAA COMMUNITY & TECHNICAL COLLEGE

8:00AM - 4:30PM TRANSPORTATION AND LUNCH INCLUDED

LEARNING OBJECTIVES:

Develop a greater understanding of what other programs of similar focus do in their curriculum; gain knowledge of other secondary teachers in a specific focus are through networking; and understand the pathways that are available for students from secondary to postsecondary to employment.

Attention all career and technical educators looking to connect with others who teach what you do to learn from each other and share best practices, **THIS PRECONFERENCE DAY IS FOR YOU!** This tour will begin exploring programs of study at the Anchorage School District King Tech High School (aka King Career Center) and include the opportunity to discuss with colleagues teaching strategies, best practices and any other items you would like to learn from each other. **IN ADDITION TO THE ONE LOCAL AREA TECHNICAL HIGH SCHOOL**, you will have an opportunity to tour the University of Alaska Anchorage Community & Technical College, learn about the available CTE programs and potential pathways for high school to postsecondary and meet the faculty delivering those programs. At the end of the day you will return to the hotel and be treated to a meet and greet reception with your colleagues, our keynote speaker Kayleen McCabe and the President of the national ACTE Becky Cox where the networking and learning can continue.

KING TECH TOUR PROGRAMS OF STUDY: Aviation, Diesel Repair, Welding, Information Technology, Culinary Arts, Certified Nurses Assistants, other allied health and construction trades

UAA COMMUNITY & TECHNICAL COLLEGE PROGRAMS OF STUDY: Welding, Diesel Heavy Repair, Culinary Arts, and other career and technical training.

TOUR UAA COMMUNITY & TECHNICAL COLLEGE AND MATSU TECHNICAL HIGH SCHOOL

8:00AM - 4:30PM TRANSPORTATION AND LUNCH INCLUDED

LEARNING OBJECTIVES:

Develop a greater understanding of what other programs of similar focus do in their curriculum; gain knowledge of other secondary teachers in a specific focus are through networking; and understand the pathways that are available for students from secondary to postsecondary to employment.

Attention all career and technical educators looking to connect with others who teach what you do to learn from each other and share best practices, THIS PRECONFERENCE DAY IS FOR YOU! This tour will begin exploring CTE programs of study at the UAA Community & Technical College where you will learn about potential pathways for high school to postsecondary and meet the faculty delivering those programs. **IN ADDITION YOU WILL HAVE THE OPPORTUNITY TO TOUR A LOCAL TECHNICAL HIGH SCHOOL**, Mat-su Career & Tech High School, and have the opportunity to discuss with colleagues teaching strategies, best practices and any other items you would like to learn from each other. At the end of the day you will return to the hotel and be treated to a meet and greet reception with your colleagues, our keynote speaker Kayleen McCabe and the President of the national ACTE Becky Cox where the networking and learning can continue.

UAA COMMUNITY & TECHNICAL COLLEGE PROGRAMS OF STUDY: Welding, Diesel Heavy Repair, Culinary Arts, and other career and technical training.

MATSU TECHNICAL HIGH SCHOOL PROGRAMS OF STUDY: Welding, Industrial Arts, Wildland Fire Science, EMT/ETT/911 Dispatch, Medical Terminology / Pharmacy Technician, Vet and Dental Technician, Process Technology / Diesel and Aviation.

ENDEAVOR ROOM ON SITE AT THE HOTEL CAPTAIN COOK

Educators Rising Alaska is the statewide affiliate of Educators Rising, the national organization for high school students to explore education careers. Educators Rising Alaska is a co-curricular 4-course CTE pathway available for implementation in Alaska schools since fall 2017. This training course is primarily for teachers who are implementing one or more of the pathway courses in the 2018-2019 school year. Teacher participants will explore and select one of the micro-credentials in the Educators Rising credential stack to complete as a course requirement. Teachers will participate in hands-on lesson creation and sharing, and must agree to implement Educators Rising in their classroom. Course participants will receive guidance and instruction for preparing students for state and national Educators Rising CTSO competitions. Space priority will be given to those wanting to earn 3 PD credits this school year.

Tuesday, October 23

7:30 am – 4:30 pm	REGISTRATION
7:30 am – 5:30 pm	EXHIBITS OPEN
7:30 am	DISCOVERY BALLROOM BREAKFAST, WELCOME & OPENING KEYNOTE
8:00 am – 9:00 am	Keynote Speaker Kayleen McCabe; Welcome and kick off from ACTE President Becky Cox

9:00 am – 9:15 am	BREAK						
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	Discovery Ball Room	enture	vor	lution	ster Island	Whitby VENDOR STRAND
Breakout Session Round 1 9:15 am - 10:15 am	<p>Women who Truck, Women who Train</p> <p>More than ever, trucking companies are seeking qualified applicants. The American Trucking Association released findings in October of last year. The ATA reported that the trucking industry will need to hire approximately 898,000 new drivers over the next decade. That number translates to an average of about 90,000 per year. Two primary factors were indicated. First, replacing retiring truck drivers totals about 49% of those new hires. Second, industry growth is projected to account for roughly 28% of new driver needs. The report projects a nationwide shortage of more than 174,000 truck drivers by 2026. The Department of Labor reports almost 47 percent of the civilian labor force are women. According to the National Transportation Institute (NTI), a December 2017 index reported 7.89% of truck drivers are female. The same NTI index reported female representation of trucking company management 23.75 percent. The proportion is staggering. And the demand for women in the trade continues to grow. The time for women to find their place behind the wheel is now! Sierra Ralston and Molly Brooks are excited to discuss their most challenging and most rewarding career moments they have experienced throughout their two combined decades of truck driving experience. As accomplished truck driving professionals, they will talk about what a truck driving career looks like from the inside. Sierra and Molly will also share how their current career as truck driver trainers and industrial safety instructors contrasts against their careers in trucking. Molly and Sierra will also present information about the wide variety of employment opportunities available for professional truck drivers.</p> <p>Sierra Ralston, Heavy Truck and Industrial Safety Instructor; Molly Brooks, Heavy Truck and Industrial Safety Instructor; Paul Carpenter, Program Director, Northern Industrial Training LLC</p>	<p>Watt's Up?</p> <p>Energy is everything in Alaska, from how we power our homes, travel, and play, to our economy and environmental impact, so understanding where we get our energy and how to use it efficiently is important for all Alaskans. This is not usually taught in the classroom at the high school level, and CTE teachers have a unique opportunity to integrate energy concepts into their classrooms through building science, financial evaluations, software modeling, and more. Learn how energy is used in Alaska, how to include hands-on and technology-based STEM lessons in the classroom, where to find more (free!) standards-based curricula to teach about energy, and partnerships REAP has had with UAF and UAA to teach about energy efficiency and wind energy in rural and urban Alaska. This presentation will include discussion and part of a lesson using Kill a Watt meters so be prepared to participate!</p> <p>Colleen Fisk, Energy Education Director, Renewable Energy Alaska Project</p>	<p>Why The Trades Are Important, Respectable and Cool (Even If The World Tells You They're Not).</p> <p>Today, young adults are graduating from college and often finding themselves over-educated and under-employed. Sadly, the tech, engineering and accounting jobs they counted on after graduation are harder to find than ever, as more and more jobs are going to a skilled workforce overseas. Yet society persists in perpetuating the myth that to succeed in life, college is the only way to get there. Why? Because we don't know any better. In this session, you will learn from veteran career contractor, Stud-Finder Winner, and host of her own TV show on the DIY network, Kayleen McCabe - about the best kept secret to success...a career in the trades.</p> <p>Kayleen McCabe, veteran career contractor, Stud-Finder Winner and host of her own TV show on the DIY Network.</p>	<p>Health Science Programs of Study and HOSA</p> <p>Introduction to the various options of Health Science Programs of Study and how HOSA-Future Health Professionals is a great addition to all programs.</p> <p>Andrea Gelvin, Health Science Curriculum Consultant, Fairbanks School District</p>	<p>Entrepreneurship Camps - Career and technical skills training outside the school year</p> <p>Teaching institutions continually invest in producing educated Alaskans for our communities and work force needs. Alaska Business Week (ABW) augments that investment. ABW offers skills-based training from (and funded by!) private sector employers, teaching Alaska high school students the skills they need to transition successfully from their educational path into the workplace.</p> <p>This presentation introduces conference attendees to the ABW program structure and simulation curriculum. The program provides career, technical, and entrepreneurially-minded students with an opportunity to learn applicable management skills while establishing a professional network with mentors from the local business community.</p> <p>After attending this breakout presentation, educators will understand the ABW program and how to direct appropriate students to the program. Breakout participants will have a new resource that enables ambitious students to learn valuable business skills during their summer break.</p> <p>Andy Rogers, Executive Director, Alaska Business Week</p>	<p>Proficiency-Based Assessments and Certifications</p> <p>For years the certification industry has provided certifications that don't show a student's full competency. The student that barely passes an exam receives the same certification as the one who masters the subject.</p> <p>That's where Isograd makes a difference. Our TOSA Certifications measure exactly what a student knows and provide a score and ranking level from 1 to 1,000 to clearly identify their level of mastery.</p> <p>In our education sessions we discuss the value behind a true scoring system, how that system works and why it's a better option than pass/fail for teachers as well as students.</p> <p>Daniel Bird, Vice President - North America Sales Isograd</p>

10:15 am - 10:30 am	BREAK						
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10:30 am - 11:55 am
Workshop Round 1

<p>Cyber Ethics in Education</p>	<p>YES! Employability Skills</p>	<p>If we build it, will they come? Students' self-perception of college readiness, and their willingness to seek help</p>	<p>A Day in the Digital Life of a Student</p>	<p>GCI and Workforce Development in Alaska</p>	<p>Bringing FIRST to your Classroom - A Hands-on Workshop for K-12 Instructors</p>	<p>Applied Technologies in Innovation and Manufacturing</p>
<p>Technology and Social Media have blurred the boundaries between teachers and students. Know your professional responsibilities when using technology with students, parents, colleagues and the public.</p>	<p>In this session, presenters from industry and education will discuss recent developments in Employability Skills Curriculum and facilitate interactive, idea-generating group dialogue. This is an opportunity to share the resources and curriculum you use with your students, and fully participate in creating a common vision for statewide employability skills curriculum and shareable resources.</p>	<p>We've come a long way in creating access to postsecondary education, in supporting postsecondary transitions, and in our own understanding of what it means to be "college ready." The number of student services professionals and scope of student services has ballooned in recent years, evidencing this paradigmatic shift and institutional commitment to student success. And yet, even in this supportive context, the students who most need help and support are the least likely to seek it out. This presentation draws from two years of survey data collected from over 300 Alaska community college students. The purpose of our survey was to identify aspects of college readiness that were both high-need and high-interest, with the intent of supporting responsive programming that students would value and use. However in their survey responses, students rated their readiness very highly – and commensurately indicated that they were not interested in academic or student support services. Students' self-ratings of readiness contrasted sharply with faculty and staff interviews at their institutions, and also misaligned with individual students' own academic performance. This presentation shares findings of these analyses, and invites the audience to discuss their implications, with such questions as: How can we help students better assess their college readiness needs? How can we support student help-seeking? Why do students' self-perceptions differ from staff and faculty assessments, and how can we leverage their confidence to a strengths-based approach for student services?</p>	<p>This BYOD interactive workshop is designed to empower attendees with hands-on resources to implement PLCs in the classroom. Using AKCIS.org, attendees will navigate through age-appropriate activities as students, from AKCIS Jr. (middle school) to college/career prep in the high school site type. Join us for this classroom "how-to" presentation.</p>	<p>This is an interactive collaborative session featuring some hands-on learning activities, group discussion and brainstorming, and a presentation on GCI Workforce Development programs. It is designed to help re-invigorate our shared priority of preparing the next generation of Alaska workers for success. Linda and Scott work regularly with Alaska teachers, and often set the stage by saying, "thank you educators, for the work you do. Your job is to prepare our youth to succeed in careers that we can't yet imagine, using technology that has not yet been invented. No pressure!" This session will provide us an opportunity to put our heads together for the benefit of your students, who are our future colleagues.</p>	<p>FIRST, For Inspiration and Recognition of Science and Technology, is designed to inspire young people to be science and technology leaders by engaging them in exciting mentor-based programs that build science, engineering and technology skills, that inspire innovation, and that foster well rounded life capabilities. In FIRST, teams of students are led by at least one coach or mentor and presented with an annual challenge. Teams meet regularly for "practice" to prepare their solution to the challenge, and then compete against other teams through a series of more than 20 tournaments around the state. Alaska's FIRST program continues to impact more young Alaskans each year. During the 2017-2018 season, FIRST programs were present in 62 different communities around the state impacting over 2,500 youth. The tagline of FIRST is, "It's more than robots," driving home the fact that students are gaining so much more than technical skills. In this workshop, participants will break into groups by grade level to get hands-on practice with the technology used in the different programs of FIRST including LEGO WeDO (K-3), LEGO EV3 (4-8), and Android phones w/ varying sensors and building kits (7-12).</p>	<p>We will be walking through the different equipment found in Digital fabrication and engineering labs, as well as provide hands on demonstrations of 3D Design equipment such as 3D printers, Computer controlled Milling, and Software. In addition to hands on demonstrations, we will discuss the impact these labs have on workforce development and future job prospects.</p>
<p>Melody Mann, Executive Director - Professional Teaching Practices Commission</p>	<p>Cari-Ann Carty, Executive Director APICC, Carin Smolin, CTE Coordinator Juneau School District; Felicia Swanson, Education Associate, Department of Education</p>	<p>Dayna DeFeo, Director, Center for Alaska Education Policy Research, ISER, UAA & Jessica Passini, ISER, UAA</p>	<p>Julia Renfro, AKCIS Partnership Coordinator ACPE - Alaska Commission on Postsecondary Education</p>	<p>Linda MacCubbin, GCI Workforce Development, Program Administrator, Scott Warren, Business Capability Manager, Sheila Harbrige, Senior Director, Human Resources</p>	<p>Mark Nance, Educational Technology Coordinator, North Slope Borough School District</p>	<p>Domenic Giunta, CEO - IDIYA Labs, Kraig Berg, Applied Tech Lead - Middle School, Dan Sage, Middle School Applied Tech, Keith Hodson, Applied Tech Teacher, Anchorage School District</p>

12:00 pm - 1:30 pm

LUNCH DISCOVERY BALLROOM

Panel Presentation: Rising to the Challenge...Preparing an Alaskan Workforce

<p>Discovery Ball Room</p>		<p>enture</p>	<p>vor</p>	<p>lution</p>	<p>ster Island</p>	<p>Whitby VENDOR STRAND</p>
	<p>FNSBSD CTE Comprehensive Needs Assessment, Preparing for Perkins V</p>	<p>Postsecondary transitions for rural students: What students and the staff who serve them identify as supports, barriers, and opportunities</p>	<p>Alaska's Education Challenge and CTE</p>	<p>Using Technology to Advance Early College & Career Awareness Programs Across Alaska</p>	<p>Awesome Careers in Coastal Communities</p>	<p>College & Career Readiness – begins in Middle School!</p>

Breakout Session Round 2 1:45 pm - 2:45 pm		<p>Fairbanks completed an extensive CTE needs assessment in 2017/18. AT this breakout session the presenters will walk you through the process of collecting the right data from all stakeholders and developing that information into a viable and vibrant CTE plan.</p>	<p>In the summer of 2018, in collaboration with the EXCEL Alaska's Central YuPik College and Career Readiness Grant/Native Youth Community Partnerships program, the presenters conducted in-depth phenomenological interviews with 12 students and 16 student services professionals representing 6 postsecondary institutions in Alaska. They used open-ended axial coding to ascertain supports and barriers in students' transition experiences from the interview transcripts, and a comparative analysis to identify how students and staff agreed or diverged in their characterization of supports and challenges, as well as how experiences differed by postsecondary institution characteristics. This presentation reviews the findings of that analysis, as well as opportunities for improving the postsecondary transition experience for rural students. The audience will be invited to discuss and comment on how they have observed or identified additional or different supports and barriers, and to reflect on opportunities to support rural student transitions in their own settings - at the secondary, postsecondary, industry, or community level. Supplemental handouts and resources will be provided.</p>	<p>CTE is a transformative experience for students. In this session, Commissioner Johnson will outline how DEED plans to utilize the Power of CTE to advance achievement for ALL students across the state through its inclusion in Alaska's Education Challenge. Come hear the Commissioner's vision to promote and develop, expand, and strengthen CTE in our state. A Q&A session will follow the presentation.</p>	<p>Learn how ACEP uses technology to extend the reach of early college and career awareness programs into rural Alaska! Providing consistency in program delivery through web, teleconference, and video trainings, using social media to recruit volunteers, virtually connecting with classrooms to host college & career panels, using bulk mail to invite applicants, and processing web-based applications are all ways ACEP uses technology to connect elementary students with the early college & career awareness programs I Know I Can and Kids2College.</p>	<p>If you teach in one of Alaska's coastal communities or have students who are interested in a career outdoors, we have some great options to explore with you. We will review the high-priority careers identified by industry as important for Alaska's fisheries, seafood, and maritime sectors. You will hear directly from professionals about their career experience, what they wish they had known when starting out, the training required for entry-level and advancement, and ideas to increase career awareness for these opportunities. You will also leave with newly developed career awareness resources to share with your students and help connect them with the training and employment information needed to get started on a great career path!</p>	<p>What does it mean to be "College AND Career Ready" and how do you assess it? Career ready means students have experienced what it is like to work in a profession, and to have legitimate connections to those careers so they can discover if a career is right for them.</p> <p>CTE has historically been a focus in high school, but research from sources such as ACTE, Harvard and the NEA point toward the need to start sooner. One of the identified reasons for this is student engagement, which drops from 76% in elementary school to 44% in high school. Student engagement is intrinsically linked to the relevancy of instruction. When delivered in a career context and a hands-on manner, we have the best chance of stemming the tide of student disengagement. While this may seem logical, many districts still struggle with the reality of implementing career exploration programs in middle school.</p> <p>Common concerns such as funding and CTE credentialing for middle school programs will be addressed. To truly transform student outcomes, we also need to transform classrooms and instruction. Techniques for doing so will be shared. Hands-on, project-based learning for all industry sectors will be discussed</p>
2:45 pm - 3:00 pm	BREAK						
3:00 pm - 4:00 pm	Regional meeting Southcentral	Regional meeting Southwest	Regional meeting Southeast	Regional meeting Northwest	Regional meeting Northern	Regional meeting Interior	
4:00 pm - 5:00 pm	5 minute report from each of the regional representatives; facilitated discussion about topics for the "Pop Up Breakout Sessions"						
	DINNER ON OWN						

Wednesday, October 24

7:30 am – 1:30 pm	REGISTRATION CLOSING AT 1:30PM						
7:30 am – 3:30 pm	EXHIBITS CLOSE AT 3:30PM						
7:30 am	BREAKFAST DISCOVERY BALLROOM						
8:00 am - 8:45 am	ANNUAL BUSINESS MEETING DISCOVERY BALLROOM						
8:45 am - 9:00 am	BREAK						
	Discovery Ball Room		nture	r	ion	ter Island	Whitby VENDOR STRAND
Pop Up Breakout Session 9:00 am - 10:30 am	"Pop-Up Breakout Sessions" are impromptu breakout sessions with topics selected by the participants at the conference; these facilitated breakout sessions will feature topics that were not covered in the standing program of sessions and are of interest to a majority of the participants at the conference.	Pop up topic #1	Pop up topic #2	Pop up topic #3	Pop up Topic #4	Pop up Topic #5	
10:30 am - 10:45 am	BREAK						
	Discovery Ball Room		nture	r	ion	ter Island	Whitby VENDOR STRAND
Breakout Session Round 3 10:45 am - 11:45 am		Alaska's 2018 CTE Plan Addendum: Looking Ahead	How To Earn Your Professional Merchant Mariner Credentials Before Graduation	Type M- CTE alternative teacher certification	Examples! How to Use AKCIS with Your Students	Building Program Awareness and Growing a Strong Volunteer Base	How to use welding and construction training tools to engage CTE students, increase confidence, standardize skill, and reduce costs.
		Members of the Alaska Workforce Investment Board's Workgroup – tasked with reviewing the 2010 Alaska CTE Plan and drafting an addendum to it – will provide an overview of their effort and an overview of the 2018 CTE Plan Addendum. The group will briefly describe their process, and elements of the addendum document including updates in Alaska CTE since 2010, CTE career pathways, regional CTE priorities, CTE and Alaska's workforce plans and more. Presenters will also speak to the tailored CTE plan strategy implementation guidance within the addendum. Session audience members will have an opportunity for Q&A/discussion following the presentation. Workgroup members include representatives of DOLWD, DEED, UA, Secondary CTE, Postsecondary CTE and the AWIB.	Interested in finding out how high school students can convert the sea time they have earned on the water into a VERY lucrative career in the Maritime Industry while they are still in HS without incurring any tuition debt? The Maritime Industry is VERY interested in continuing to hire AVTEC Young Mariner Program graduates into careers that offer a flexible time on-time off schedule which allows you to live wherever you choose. All are invited to join Deb Burdick-Hinton, AVTEC's AK Maritime Training Center and other invited guests from industry and education to learn about this amazing opportunity!	Type M alternative certification offers districts and schools the flexibility to source local talent for content expertise in CTE programs. In 2014, the State Board changed regulations affecting Type M certification overall, and added a Type M-CTE certificate. Come learn how make Type M certification work for your district, how to obtain initial Type M-CTE certification, and how to renew older Type M certificates.	This panel presentation will include panelists from a wide array of specialties and project levels across Alaska. The partner panel will share their experiences collaborating with ACPE/AKCIS to facilitate the use of PLCPs across the state, to discuss the effectiveness of AKCIS with youth, to uncover possible ways to implement AKCIS into current curriculum, to integrate with student information systems, to provide choices to learners, to train faculty and staff, and to focus on priority occupations.	Learn how building awareness of your program can help you reach into the community and garner support for the work you do. Learn new ways to identify, attract and retain volunteers. Discover creative ways to connect volunteers with rural Alaska, regardless of where you live.	Engage students with hands-on welding training tools to further career path exploration while addressing classroom management and safety concerns. Learn how to implement welding solutions including 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. Includes lessons you can take with you and hands-on time with the guideWELD VR simulator, with ideas for the educator, student, and community.

		Members of the Alaska Workforce Investment Board Subcommittee for developing this addendum.	Debra Burdick-Hinton, Young Mariner Program Instructor/Coordinator, AVTEC's Young Mariner Program	Felicia Swanson, CTE Data Analyst and Sheila Box, Perkins Program Manager, Alaska Department of Education & Early Development	Julia Renfro, AKCIS Partnership Coordinator, ACPE - Alaska Commission on Postsecondary Education	Shelly Morgan, K-12 Specialist, Alaska Commission on Postsecondary Education	Anne Bogstad, Senior Account Manager - Realityworks, Inc.
11:45 am - 1:15 pm	AWARD LUNCH DISCOVERY BALLROOM						
1:15 pm - 1:30 pm	BREAK						
	Discovery Ball Room		Entrepreneurship	Technical Education	Workforce Development	Easter Island Classroom 22	Whitby VENDOR STRAND
Breakout Session Round 4 1:30 pm - 2:30 pm		Components of a Successful Shop Program	Personal Learning Plans – an educational structure for Alaska's learners	Advocating for Career and Technical Education (CTE)	Career Coach: Self-directed Career Exploration	Developing Skills to Jobs in Cybersecurity	New and Updated Certifications for the Classroom
		Around the state and the nation, we have a thriving and successful high school shop programs. We also have programs that are struggling and even failing. What's the difference? We will have a roundtable discussion relying on the experiences of those in the room to identify what can help your shop program thrive.	Personal Learning Plans done well can be the key to reaching off track learners and learners from diverse background including those with trauma history. The key to PLPs is to do the background steps and structure the entire environment so that teachers and learners are properly supported.	CTE is an increasingly important tool in achieving secondary and postsecondary educational goals, but myths, misconceptions, and misinformation about CTE abound. This session will provide you with national and state-level data and resources to advocate for CTE. Learn how to: a) contextualize CTE within the broader strategic goals of your school, community, or region; b) increase awareness of CTE's benefits to students; and c) develop a CTE communication plan.	This is a fantastic opportunity for students of all ages. Learn how you can share and utilize this highly intuitive website where students can investigate careers by doing an interest survey that creates direct links to occupations, create resumes and even apply for jobs, free of charge. Programs at the University of Alaska are mapped to occupations, with live job posting searches available specific to Alaska and representing the various regions.	This presentation will endeavor to make participants more aware of the Cybersecurity domain, the respective skill shortage, and potential offerings that can be implemented at educational institutions to engage students in related STEM careers.	Come learn about our new Cyber Security exams and Computer programming exams as well as what is new with our Microsoft, Adobe, Autodesk, and Quickbooks exams. Learn how educators today are using these industry recognized exams to help their students succeed and be college and career ready. Find new ways to promote and celebrate your students success in the classroom!
		David Owens, CTE instructor, Petersburg School District; Rick Dormer, Principal, Petersburg School District	Susan Nezda, Assistant Principal - Bering Strait School District	Bjorn Wolter, Perkins Program Manager, Alaska Department of Education & Early Development	Teri Cothren, Project Manager for Workforce Programs, University of Alaska	Jeremy Creech, Servant Leader, Learning Engineering Cisco Systems, Inc.; Trish Zugg, CTE Program Administrator, Matanuska-Susitna Borough School District; Carin Smolin, Career and Technical Education Coordinator, Juneau School District	Matt Johnson, Territory Manager Certiport
2:30 pm - 2:45 pm	BREAK						
	Discovery Ball Room		Entrepreneurship	Technical Education	Workforce Development	Easter Island	Whitby VENDOR STRAND
Breakout Session Round 5 2:45 pm - 3:45 pm			What's New in AKCIS?	Leveraging Alternate Funds for CTE Professional Development	Developing Customer Service Skills	The Internet of Everything	5 Ways to Help Your Generation Z Students Develop Empathy Towards the Elderly

			<p>This presentation provides AKCIS - Alaska Career Information System users with a more in-depth review of the latest changes and new features in AKCIS and how they aid the creation, use, and management of PLCPs in Alaska. Counselors, teachers, and administrators will learn about: enhanced/customized reporting, new mobile-friendly CIS 360 version, single sign-on.</p>	<p>Times are hard. How can districts think outside the box to bolster CTE professional development without breaking the bank? Learn what funding streams can be utilized to help support PD in your district. We will discuss how different federal funds are calculated as well as allowable uses. Both state and federal funding streams will be investigated.</p>	<p>Customer service skills are essential in all industries. Healthcare addresses customer service skills with awareness of "difficult conversations" realizing that patients and families may be dealing with cancer or the loss of a loved one. This attention to patient and family wellness can be translated to all industries. Simple techniques such as addressing a customer with patience and respect (specifically using the customers name; saying please and thank you) help students to learn basic customer service skills. Establishing these skills in the classroom allow students to begin practicing these skills before transitioning into career placement.</p>		<p>Empathy and geriatric sensitivity are important skills for future healthcare workers. However, helping today's technologically savvy students develop them can be difficult. Participants will learn how teaching strategies, discussion topics and hands-on learning aids can help you show your students what it's like to be an older adult, and in turn, develop empathy and sensitivity toward the elderly. Learn about the importance and need for geriatric sensitivity and empathy in today's healthcare careers. Includes lessons you can take with you, and time with the interactive and wearable geriatric and healthcare training tools.</p>
		Melinda Dooley and Paulette Ditzler	<p>Julia Renfro, AKCIS Partnership Coordinator, ACPE - Alaska Commission on Postsecondary Education</p>	<p>Sheila Box, Perkins Program Manager Alaska Department of Education & Early Development; Bjorn Wolter, Perkins Program Manager, Alaska Department of Education & Early Development</p>	<p>Evelyne Tunley, Biology/CTE Teacher & CTE Dept. Chair, Anchorage School District (West Anchorage High School)</p>	<p>Rick McDonald, Professor Information Technology UAF Community and Technical College</p>	<p>Anne Bogstad, Senior Account Manager - Realityworks, Inc.</p>
3:45pm - 4:30pm	<p>CLOSING KEYNOTE DISCOVERY BALLROOM Neal Fried, Economist Research and Analysis Department of Labor and Workforce Development</p>						