



Welcome to the Washington Centers of Excellence newsletter.

Our mission is to serve as the statewide liaisons to business, industry, labor, and the state’s educational systems for the purpose of creating a highly skilled and readily available workforce critical to the success of the industries driving the state’s economy and supporting Washington families.

CONSTRUCTION AND MARINE MANUFACTURING & TECHNOLOGY

Coming in July, the Centers have teamed up to produce “IT in the Trades” a webinar for community college faculty and training organizations. The webinar includes subject matter interviews and insights into how the changing IT landscape impacts workers in the marine and construction industries.

This webinar is part of a series of professional development webinars. You can view the webinar when it launches in July and view others in the series at:

www.constructioncenterofexcellence.com/webinars



Also in this issue:

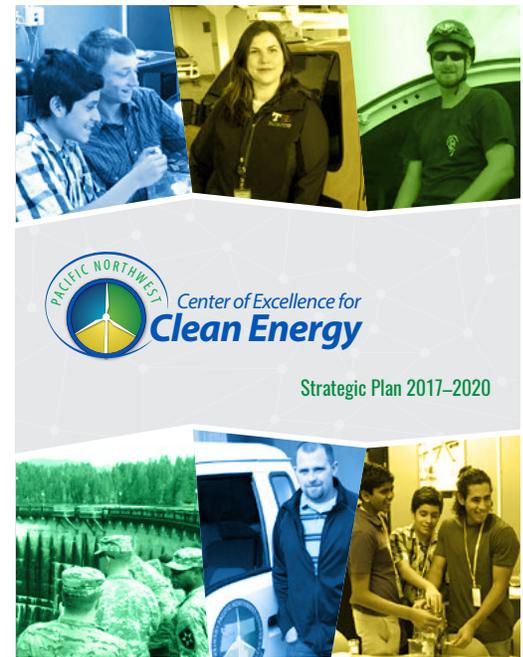
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CLEAN ENERGY

Over the past year the Pacific Northwest Center of Excellence for Clean Energy (PNCECE) Advisory Board, comprised of energy industry and labor leaders along with education partners, thoughtfully considered the issues and challenges facing our center, our students, Washington's Community and Technical College system and the energy industry in the Pacific Northwest.

We engaged with focus groups across Washington State for a candid assessment of our organization's strengths, weaknesses, opportunities and challenges. We heard consistently that it is the strength of our partnership with industry, labor and education that has been the pillar of our success. Since our founding in 2004 to today, the Center's impact has grown from five to 20 energy sector programs offered throughout the Washington state community college system. These programs support the industry's diverse workforce needs and technological advances in niche areas of energy such as smart grid, solar, energy efficiency, hydro and wind energy technology while continuing to support the core curriculum of power generation, transmission and distribution programs.

View the strategic plan on our website: www.cleanenergyexcellence.org



GLOBAL TRADE & SUPPLY CHAIN MANAGEMENT HOMELAND SECURITY-EMERGENCY MANAGEMENT

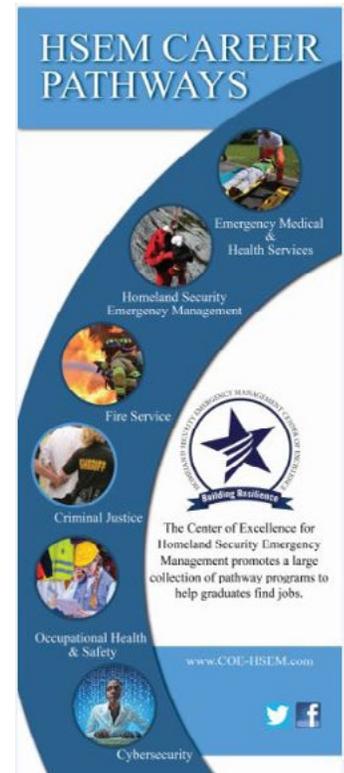
The Internet of Things (IoT) and the Supply Chain

The 4th Annual "Securing the Supply Chain" forum, slated for spring of 2018, will feature a one-day event focused on the Internet of Things and its impact on the supply chain, with an overview of the risks involved. According to Business Insider, the Internet of Things is poised to transform the delivery and logistics industry and relieve stress for retailers, delivery companies, and consumers. Hosted by the CoE for GTSCM and HSEM, the forum will bring together strategic, operational, and IT professionals to explore how IoT technology is improving supply chains now and in the future. Panelists will present in relation to industries such as retail, manufacturing, logistics, and transportation. In addition, the forum will address the practical side of IoT security in the Cloud and on the Things. Look for save-the-date information in the fall.

HOMELAND SECURITY-EMERGENCY MANAGEMENT

2017 CENTER-AT-A-GLANCE

The Center continues in 2017 to have great success with our user friendly website (<http://wp.pierce.ctc.edu/blog/hsemcoe/>). Each quarter, an average of over 2,900 education decision makers, students and the public visit the Center's convenient website. Visitors are provided with an array of information on local, state and national resources and information on our six industry clusters. We focus on ensuring access for students and representatives of the workforce to industry news through our "Work Experience Marketplace" and our "Career Pathways Program Guide" at <http://wp.pierce.ctc.edu/blog/hsemcoe/pathways-programs/>. The Guide provides updated information on our education programs ranging from Certificates, Associates, and Bachelors of Applied Science degrees (you can now get a BAS in Cyber-Security and in HSEM) offered at our CTC colleges and state universities. Resources for veterans and women are also available in the Guide. Our guides and handbooks section on our website includes guides developed as part of our participation in the state's Prior Learning Workgroup "Guide to Establishing Military Pathways", "Pathways Mapping", "Crosswalk Development - Deep Dive" and our "Guide to Establishing Online Program Collaboration" which is designed to help our CTC colleges collaboration and share common curriculum statewide. Our Special Reports Section provides education leaders with research-based content that includes perspectives from industry experts and public-sector peers.



We disseminate industry news via eNews and Bulletins, and on our website and through social media. You can stay up-to-date on the latest News and Events such as the Center's Career's Pathways presentation at the annual Tribal Emergency Preparedness Conference and follow us on our HSEM Facebook and Twitter page. Jim Mullen, retired director of WA State's Emergency Management Division, writes a monthly blog Emergency Management Once Removed. We invite you to join in the discussions.

The Center produced a HSEM COE Holiday Newsletter which provided a snapshot of our Center's work in 2016 and schedule of events and activities for 2017. Dick Walter, the Vice Chair of the Washington State Emergency Management Council who represents the Association of Washington Business (AWB), sent a holiday message and said, "Linda, I was very impressed by your entire presentation (in the Newsletter), including summaries. Very engaging and catches the eye of the beholder." View the holiday newsletter: <https://drive.google.com/file/d/0B1-OpFj6Gh-LS1NENFpwaGxYekk/view>

Please visit the Our Services page on our website for all of our monthly activity reports and quarterly work plan summaries: <http://wp.pierce.ctc.edu/blog/hsemcoe/our-services/>

ALLIED HEALTH

MA Educators - The Allied Health Center of Excellence (AH COE) has received grant funding to conduct research and analysis of Medical Assistant Education in Washington State. The AH COE will identify key MA faculty across the state to support the project deliverables. This collaboration project will identify promising or best practices in the delivery of medical assistant education, promising or best practices in the collaboration between K12 and CTC, and convene colleges to discuss standard curriculum and common course numbering. This will be a year-long project. In



May, the AH COE provided an in- person training session on the Sentinel Network and other health workforce strategies to the Washington State Medical Assistant Educators Association. Additionally, the group was provided with a training, in collaboration with partners from Highline College and the Northwest Regional Primary Care Association, on collective impact and working to activate industry partnerships with their advisory boards and the broader healthcare industry.

A MGT 341 Disaster Preparedness for Hospitals and Healthcare Organizations Training was held at Yakima Valley College on April 4-5. The training reviewed the fundamentals of disaster preparedness and recovery planning. Participants were introduced to the various natural, technological, and civil hazards to which hospitals and healthcare organizations may be vulnerable and the potential impacts of those hazards. Participants reviewed their organizations response and recovery plans and identified issues that need to be addressed. Participants were able to receive continuing education credits approved by the Emergency Nurses Association. This training was sponsored by the Allied Health and Homeland Security-Emergency Management Centers of Excellence. The two-day training was provided by a grant from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) Division and was delivered by trainers from Texas A & M at no cost to participants. Sixty (60) people representing 40 hospitals and healthcare organizations and CTC healthcare faculty attended the training at Yakima Valley College.

On May 22, the AH COE had the opportunity to host and facilitate a Health Workforce Roundtable at the Northwest Regional Primary Care Spring Conference in Spokane, WA. Industry partners were provided with health workforce development resources from local colleges and universities and were also given opportunity to identify challenges with meeting their workforce needs.

Allied Health Deans and Directors Collaboration meeting – On June 5 the AH COE held its last Allied Health/Health Sciences Deans and Directors Collaboration meeting of the 2016-2017 school year. Topics included: Updates on the Sentinel Network, Predicting Accurate Demand Data with Industry Partnerships and Support, Identifying Grant Best Practices and Dissemination Strategies for Health Workforce Benefit and Digital Health and Digital Therapeutics. Attending were 30 CTC members and industry partners.

AHECWW – The AH COE has provided significant support to the development and startup of the new Area Health Education Center of Western Washington now hosted at Whatcom Community College. In addition to being the co-chair of the Advisory Board the AH COE is actively involved with supporting committee work focused on Health Information Technology and Rural Health Workforce Development.

AEROSPACE & ADVANCED MANUFACTURING

Executive Director, Mary Kaye Bredeson traveled with the WA Department of Commerce delegation to the 2017 Paris Air Show

In June, Bredeson traveled with more than 70 Washington business people including 18 aerospace-related companies to Paris to do business on the world stage. The Paris Air Show, held every two years and alternating with the Farnborough Air Show in the United Kingdom, is a premier event for Washington to exhibit, meet with top aerospace manufacturers, and suppliers, and to build alliances. Many of the alliances made will benefit Washington's community and technical college students, their training, and overall workforce development for the state. Bredeson was a panelist on the topic of "aerospace workforce development" with moderator, John Thornquist, Department of Commerce, and Larry Cluphf the executive director of the Washington Aerospace Training and Research Center. According to a Department of Commerce press release, "About 1,400 companies comprise Washington's renowned aerospace industry supply chain, which serves Boeing, Airbus, and every other major aircraft manufacturer in the world." The Center of Excellence for Aerospace and Advanced Manufacturing has attended the Paris Air Show four times.



AGRICULTURE

Ag Center Staff and Walla Walla Community College Faculty (Matt and Lindsey Williams) recently collaborated with The Centers of Excellence for Homeland Security and Supply Chain Management to participate on a Panel at the "Food Safety in the Supply Chain Forum", held at Highline College. Not only were they each excited to share perspective, but to gain some additional knowledge about Agriculture from a safety perspective. The day did not disappoint – Lindsey (Ag Center Staff) left with an increased network of professionals with whom she has continued to be in contact with, discussing industry issues that agriculture education can be a part of solving.

The Ag Center is focused on moving forward with additional articulation agreements to Washington State University (currently working on a horticulture transfer for Lake Washington Institute of Technology). In these talks with WSU, it has become clear that collaboration can go much further than we have been pursuing – not only with articulations, but with advisor training at the high school level, co-presenting, and supporting recruitment efforts for multiple community colleges.

In additions to collaborations like these, and our daily operation, we've also been able to attend a few roundtables with local community groups to discuss where there are gaps between education and the community. Attendance at the Governor's Summit on May 31 proved to be a great opportunity for the Ag Center to connect with community organizations that may not have realized how we can assist. We heard from local agriculture organizations about some of their hiring issues, and connected with Washington State Penitentiary, are looking forward to connecting these groups as WSP works to transition people into workforce areas.