



Winter 2025 | Updates and Upcoming Events

CONSTRUCTION

Host College: Renton Technical College | **Director:** Christina Rupp, clrupp@rtc.edu

Project: DACUM Findings; Construction Community of Practice

The Construction Center of Excellence is hosting two upcoming events to support the future of construction education in Washington:

Construction Management DACUM Findings for the Postsecondary Community | March 6th | 8:30am-10:30am | Zoom | [Register Here](#)

Construction Community of Practice | March 14th | 9-10am | Zoom | [Register Here](#)

The focus for this community of practice will be the future of construction education in postsecondary institutions. With the industry seeing rapid changes, programs at community and technical colleges must keep pace. Whether it's the future of specific professions and trades, credentials and micro-credentials or the future of CTE programs, the community of practice will engage leaders from education to ensure informed, concrete action is taken to meet the needs of industry in 2025 and beyond.

CYBERSECURITY

Host College: Whatcom Community College | **Director:** Brent Lundstrom, blundstrom@whatcom.edu

Project: Cybersecurity College Day at Microsoft

Cybersecurity students are invited to attend the "Hack the Future – Securing Tomorrow's Defenders" event at the Microsoft Campus in Redmond, WA on February 21st. This is a unique opportunity for college students to connect with cybersecurity industry leaders, gain valuable career insights from Microsoft experts, and build their network. The event is free for students and includes breakfast and lunch. Please share with students and encourage them to register soon as spots are limited.

Cybersecurity College Day (Student Event) | February 21st | 9am-2:30pm | Microsoft Redmond | [Register Here](#)

HOMELAND SECURITY-EMERGENCY MANAGEMENT

Host College: Pierce College | **Director:** Linda Crerar, lcrerar@pierce.ctc.edu

Project: Cross-Sector Resiliency and Security Events

The Center of Excellence for Homeland Security-Emergency Management collaborates across sectors to offer several upcoming events for the college system:

Resilience Management DACUM | March 14th | More info at www.coehsem.com

Securing the Supply Chain Summit | April 23rd-24th | Columbia Basin College | [Register Here](#)

Women in Leadership Symposium | May 15th-16th | Lower Columbia College | [Register Here](#)



CLEAN ENERGY

Host College: Centralia College | **Director:** Monica Brummer, monica.brummer@centralia.edu

Project: CEWD's Energy Fundamentals 2.0

The Center for Energy Workforce Development's robust energy program, called *Energy Industry Fundamentals 2.0*, offers 120 hours of free virtual modular instruction, including labs and interactive exercises. It covers the most fundamental and essential concepts of energy. Labs, activities, lesson plans and pacing guides - free for faculty to use in any class. <https://getintoenergy.org/eif-2-0/>

INFORMATION & COMPUTING TECHNOLOGY

Host College: Bellevue College | **Director:** Brianna Rockenstire, brianna.rockenstire@bellevuecollege.edu

Project: Artificial Intelligence Community of Practice

The Center of Excellence for Information & Computing Technology launched a virtual AI Community of Practice for faculty and staff across the college system to collaborate, share best practices, access curriculum and other tools, and identify needs and opportunities related to teaching, learning, and preparing students for the world of artificial intelligence. We are coordinating efforts with SBCTC, the eLearning Council, and colleges to develop systemwide resources.

February 21st | 10-11am | Zoom | [Register Here](#)

March 21st | 10-11am | Zoom | [Register Here](#)

ALLIED HEALTH

Host College: Yakima Valley College | **Director:** Dan Ferguson, dferguson@yvcc.edu

Project: HEET 18 KICKOFF: INNOVATION, PARTNERSHIP AND PLANNING meeting

The Allied Health Center of Excellence, SBCTC and the SEIU Healthcare 1199NW Multi-Employer Training Fund, hosted the HEET 18 KICKOFF: INNOVATION, PARTNERSHIP AND PLANNING meeting on January 15th at Renton Technical College. The theme of the meeting was: next steps, new ideas & collaboration opportunities. Agenda included Funding and Administration- Purpose and Goals; Budget and Allowable Uses of Funds; Partnership Development and Sustainable Engagement; Project Management, Best Local Practices, Program Impact Highlights from the perspective of Participant, Employer, and Community Impact. Seventeen colleges from across the system sent campus teams to learn from one another and representatives from SBCTC. Teams from Bellingham Tech, Green River, and Highline Colleges shared specific best practices. The aim of the HEET grant is to: 1) Enhance access to college education for hospital workers and health care incumbent workers, 2) Lead to increased capacity of the college system in nursing and other high demand healthcare fields, 3) Bring greater diversity to the healthcare workforce, and 4) Build stronger labor/management, healthcare industry, and college partnerships to leverage public and private investment.

MARINE MANUFACTURING & TECHNOLOGY

Host College: Skagit Valley College | **Director:** Ann Avary, ann.avary@skagit.edu

Project: Marine Professional Technical Programming Gap & Cross Sector Opportunity Analysis

The Center of Excellence for Marine Manufacturing & Technology conducted a gap analysis of maritime education statewide, mapping maritime and aligned programming in response to the growing demand for offshore and ashore technicians. This analysis will increase awareness of, and access to, maritime career opportunities through cross sector pathway work. A faculty professional development matrix across programs systemwide, aligned with high demand technical skills, will include autonomous technologies; electronics/electrical; welding; diesel & fuel technologies; mechatronics; etc. Outcomes will be shared system wide in June 2025.



SEMICONDUCTOR & ELECTRONICS MANUFACTURING

Host College: Clark College | **Director:** Carl Douglas, cdouglas@clark.edu

Project: Clark College's New Manufacturing Center

The Semiconductor & Electronics Manufacturing Center of Excellence is supporting the construction of Clark College's Advanced Manufacturing Center in Ridgefield, WA. Our assistance includes strategic, tactical, and technical advice, emphasizing equipment layout design and working with original equipment manufacturers (OEMs) on specifications. We also help the Clark Foundation plan potential donor tours and answer technical questions. Additionally, we collaborate with OEMs, riggers, and contractors to optimize tool placement and identify solutions for improvements. These enhancements focus on critical infrastructure needs, including electrical systems, plumbing, gas distribution, and HVAC.

AGRICULTURE & NATURAL RESOURCE

Host College: Walla Walla Community College | **Director:** Lindsey Williams, lindsey.williams@wwcc.edu

Project: Cross-Sector Economic Growth – Podcast Coming Soon

This Spring, the Centers of Excellence for Marine Manufacturing and Technology, Global Trade and Supply Chain Management, and Agriculture and Natural Resources will be releasing a podcast conversation discussing the interconnectedness of these three vital sectors and how cross-sector collaboration enhances opportunities for students. In this podcast, we'll discuss insights from a 2024 Economic Impact Report (by Global Trade and Supply Chain COE), and how this data can be used in conjunction with other sources like Chmura to inform strategic decisions. We'll highlight the critical nexus between maritime, agriculture, and global trade, analyzing how these industries are interdependent and how their collaborative efforts drive regional economic growth.

CAREERS IN EDUCATION

Host College: Green River College | **Director:** Jamie Wells, jrwells@greenriver.edu

Project: Washington State Careers in Education Resource Hub

The Center of Excellence for Careers in Education is developing a new statewide website to highlight pathways to careers in education, with a strong focus on opportunities through the community and technical college system. Guided by input from agency partners, stakeholders, faculty, and students, this comprehensive resource will help individuals navigate educational and career opportunities. Through focused discussions with college and high school instructors, we are refining pathways and fostering collaboration to ensure the tool is impactful, user-friendly, and aligned with system needs.

AEROSPACE & ADVANCED MANUFACTURING

Host College: Everett Community College | **Director:** *Vacant*, interim contact Kelsey Sanderson, ksanderson@everettcc.edu

Project: Occupation Reports

The Aerospace Center of Excellence recently launched new Occupation Reports, focusing on the 10 most important occupations in aerospace and advanced manufacturing and providing students with the insight they need to choose their career path. Each report provides day-in-the-life insights, job outlooks, wage rates, videos and links to related college programs. Check out the reports for machinists, welders, engineers and more at <https://coeaerospace.com/occupation-reports/>

