

Center of Excellence FY23 Work Plan and Quarterly Report

Center Name: Center of Excellence for Construction

Core Expectations	Activity - Listening and Learning Sessions	
<input type="checkbox"/> Economic Development <input checked="" type="checkbox"/> Sector Strategy <input type="checkbox"/> Ed/Innovation/Efficiency <input type="checkbox"/> Supply/Demand <input checked="" type="checkbox"/> Equity & Access	<p>In partnership with Washington's Department of Labor and Industries (L&I) and the Construction Center of Excellence, co-facilitate a series of "Listening and Learning Sessions" within L&I's six state-wide regions that intersect with the 12 Workforce Development Councils (WDCs), 34 community & technical colleges in promoting and expanding Washington's 200 registered apprenticeship programs and 40 apprenticeship prep programs. Using the recently-enacted SB 5600 legislation as a catalyst, the sessions will expand registered apprenticeship programs in at least eight high-demand sectors, including manufacturing and engineering. The Centers of Excellence and L&I staff will collaborate with Career Connect WA's seven high-demand sector intermediaries, and Department of Commerce Sector Leads to promote collaboration with industry.</p>	
Funding Sources %	Purpose	Projected Outcomes and Products
COE allocation – 100%	<p>Increase cross-partner and cross-industry collaboration and develop system tools to improve marketing and outreach information, access, and resources supporting the expansion of registered apprenticeship and apprenticeship preparation programs in Washington.</p>	<ul style="list-style-type: none"> • Co-facilitate six "Listening and Learning Sessions" across the state of Washington. • Co-develop workshop format and protocols including invites, guest speakers, slides, handouts, resources, and follow-up. • Survey regional workforce stakeholders, analyzing results and share findings.
Report and Analysis on Actual Outcomes and Products		
Quarter 1		
Quarter 2		
Quarter 3		
Quarter 4		

Core Expectations	Activity – Professional Development for Educators	
<input checked="" type="checkbox"/> Economic Development <input type="checkbox"/> Sector Strategy <input checked="" type="checkbox"/> Ed/Innovation/Efficiency <input type="checkbox"/> Supply/Demand <input checked="" type="checkbox"/> Equity & Access	<p>COE will collaborate with Industry Partners to offer training opportunities for educators and trades instructors such as:</p> <ul style="list-style-type: none"> • Pathways to Apprenticeship • Construction Café • Best Practices for Recruiting Diversity in the Trades • Industry Training for Educators <p>CCE staff may also coordinate opportunities as COVID requirements allow--facilitating industry tours for educators to experience the trades first hand and translate their experience into classroom and learning.</p>	
Funding Sources %	Purpose	Projected Outcomes and Products
COE allocation – 100%	Acting as host and facilitator, the COE will provide an efficient and structured platform to coordinate relevant topics of education, delivering professional development for instructors, administrators, and industry. The COE will foster education and business partnerships to enrich classroom and lab content.	<ul style="list-style-type: none"> • One professional development training per quarter for a total of 3 over the course of the year. • Coordinate and partner with organizations to share curriculum and resources for the trades. • Lead Community of Practice with CTC construction program deans and instructors to provide a forum for sharing best practices & resources. • Explore educational pathways between K-12, CTC's, and four-year universities
Report and Analysis on Actual Outcomes and Products		
Quarter 1		
Quarter 2		
Quarter 3		
Quarter 4		

Core Expectations	Activity - EMPOWER Conference for Women in the Trades	
<input type="checkbox"/> Economic Development <input checked="" type="checkbox"/> Sector Strategy <input checked="" type="checkbox"/> Ed/Innovation/Efficiency <input type="checkbox"/> Supply/Demand <input checked="" type="checkbox"/> Equity & Access	<p>Plan and deliver an in-person conference that supports women in the trades and builds future leadership in a diversity of trades including manufacturing, construction, and maritime. Conference topics may include:</p> <ul style="list-style-type: none"> • Jobsite safety; • Wellness and nutrition; • Certification & credentialing; • Technology and new career pathways; • How to identify and apply for the apprenticeship or training program you want; • STEM to trades; • Diversity, equity & inclusion. <p>The EMPOWER Women's Leadership Conference provides a platform for the Centers of Excellence for Aerospace and Advanced Manufacturing, Construction, and Marine Manufacturing & Technology to continue supporting women from multiple communities as they consider careers and/or advancement in the trades.</p> <p><i>Conference is scheduled for: March 9, 2023 in south King County</i></p>	
Funding Sources %	Purpose	Projected Outcomes and Products
COE Allocation – 30% Industry Sponsors- 70%	<p>Provide multiple access points for women who are currently in the trades, with high quality, timely and relevant professional development opportunities focused on career advancement and longevity. The conference will offer a platform for women who are considering a career in the trades, providing critical information about pathways, training options, finding a mentor, and more.</p> <p>In response to a desire for more content from previous conference attendees, the Centers will offer post-conference professional development opportunities.</p>	<ul style="list-style-type: none"> • Plan, develop, and deliver a spring EMPOWER conference focused on safety, wellness, credentials, technology, equity, and more. • Recruit & coordinate a planning committee. • Produce marketing & outreach to maximize attendance. • Following the conference: <ul style="list-style-type: none"> -Share professional development opportunities, recordings, slides, and materials. -Collect and share evaluative data

Report and Analysis on Actual Outcomes and Products	
Quarter 1	
Quarter 2	
Quarter 3	
Quarter 4	

Core Expectations	Activity – Mentorship Matters Training Coordination	
<input type="checkbox"/> Economic Development <input checked="" type="checkbox"/> Sector Strategy <input checked="" type="checkbox"/> Ed/Innovation/Efficiency <input type="checkbox"/> Supply/Demand <input checked="" type="checkbox"/> Equity & Access	<p>Successful mentorship is a critical element in building a high-quality workforce and has been shown to positively affect productivity, safety, quality, and client relations on the job. Nowhere is this more important than in the trades where 80% of learning happens on the job and mentorship is recognized as the key to developing qualified journeypersons. Today, with hundreds of thousands of construction trade workers transitioning to retirement over the next few years, displaced workers seeking employment and new skills, and vast numbers of young, diverse and underrepresented workers joining the workforce, the need to ensure the effective transfer of knowledge and skills is critical.</p>	
Funding Sources %	Purpose	Projected Outcomes and Products
Sound Transit Contract – 100%	The COE will coordinate training that will promote and apply industry best practices in knowledge and skill transfer. This will benefit the industry with an increase in skill acquisition, productivity and safety, intergenerational communication and enhanced job satisfaction and retention.	<ul style="list-style-type: none"> • Training delivered to 100 apprentices and 50 journeypersons. • Coordinate and support trainings that support tradespersons to be productive, safe and take on leadership roles. • Plan and execute at least one training per quarter, minimum of 3 for the year. • Engage at least 3 construction companies in training journeypersons.

Report and Analysis on Actual Outcomes and Products	
Quarter 1	
Quarter 2	
Quarter 3	
Quarter 4	

Core Expectations	Activity - Chmura Data Pilot, Phase II	
<input checked="" type="checkbox"/> Economic Development <input checked="" type="checkbox"/> Sector Strategy <input type="checkbox"/> Ed/Innovation/Efficiency <input type="checkbox"/> Supply/Demand <input type="checkbox"/> Equity & Access	<p>The Workforce Data Pilot will identify, extract, format and deliver workforce and related data, using the Chmura JobsEQ RTI platform. This project will demonstrate the use and effectiveness of occupational, industry and other data to the workforce education and training system. Eleven Centers of Excellence are participating in the Phase II Pilot and will fully engage in the continuation of the collection of data, work with the RTI Jobs Positing tool, develop a community of practice and information dissemination process.</p> <p>Intended completion for pilot: Spring 2023</p>	
Funding Sources %	Purpose	Projected Outcomes and Products
COE allocation – 100%	The Workforce Data Pilot Project will collect, map, and produce industry demand, workforce and economic impact data, professional technical occupations, utilizing the Chmura JobsEQ RTI proprietary workforce and economic management tools to inform and benefit CTC workforce programs. The project will also utilize the RTI Jobs Posting tool.	<ul style="list-style-type: none"> • Professional development for COE staff. • Expansion to include incorporation of Jobs EQ Job Postings tool – engage with Chmura regarding how to publish or use on coewa.com site and possibly all COE sites. • Create Community of Practice (COP). • Communications and dissemination protocol.

Report and Analysis on Actual Outcomes and Products	
Quarter 1	
Quarter 2	
Quarter 3	
Quarter 4	