

Center of Excellence FY24 Work Plan and Quarterly Report

Center Name: Aerospace & Advanced Manufacturing

Core Expectations	Activity – Aerospace & Advanced Manufacturing Program Matrix	
<input 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>Update the Manufacturing & Aerospace Program Matrix on the COE Aerospace website to reflect the programs and course offerings available across the CTC system. Using ctcLink data, college websites, and relationships across colleges, COE Aerospace staff will make publicly available all the available programs in aerospace and advanced manufacturing. The program matrix will be updated regularly to ensure data is accurate, reflecting the programs available across the system.</p>	
Funding Sources %	Purpose	Projected Outcomes and Products
100% allocation	<p>While the program matrix a requirement of each COE, the broader purpose is to act as an information entry point for students and job seekers regarding next steps in education. Faculty, staff and administrators across the CTC system are a secondary audience. It is intentional that they have an easy and central access point to know about complementary programs, opportunities for student referral, and new programs in the system.</p>	<p>Refreshed program matrix available to students, staff, and other interested parties by the end of Q1 FY 24 (9/30/23). The program matrix will provide details about colleges, programs, course offerings, and ways to contact each program.</p> <p>In successive quarters the program matrix will be updated with the latest information on course offerings.</p>
Report and Analysis on Actual Outcomes and Products		
Quarter 1		
Quarter 2		

Quarter 3	
Quarter 4	

Core Expectations	Activity – EnLighten Symposium 2024 and EmPower Conference 2025 Planning	
<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>First biennial EnLighten Symposium (EmPower Conference biennial offset) focused on career planning and certifications for the manufacturing industry. 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 jobsite safety, wellness and nutrition, education pathways certifications and credentialing, technology and career planning, and diversity, equity & inclusion. The EMPOWER Women’s Leadership Conference provides a platform for the Centers of Excellence for Aerospace and Advanced Manufacturing, Construction, Clean Energy, and Marine Manufacturing & Technology to continue supporting women from diverse communities as they consider careers and advancement in the trades.</p> <ul style="list-style-type: none"> • EnLighten Forum is tentatively scheduled for: March 7, 2024 at Renton Technical College • <i>EmPower Conference is tentatively scheduled for: March 6, 2025. Location TBD - planning bid process with advisory team.</i> 	
Funding Sources %	Purpose	Projected Outcomes and Products
100% allocation	<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.</p> <p>The symposium and conference will offer a platform for women who are considering a career, promotion, and further education 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, which lead to the creation of the EnLighten Symposium.</p>	<ul style="list-style-type: none"> • Symposium and Conference will deliver programming focused on safety, wellness, credentials, career planning, technology, equity, professional growth, and more. • EmPower Advisory Team will be expanded and include subgroups for planning efficacy. • Produce website, social media, marketing & outreach to maximize attendance and awareness. • EnLighten will be hosted by a different CTC every biennium to highlight the system, resources, and opportunities to be competitive in the construction, marine, clean energy, aerospace and advanced manufacturing industries. <p>Following the conference: Share professional development opportunities, recordings, slides, and materials. Collect and share relevant resources and data.</p>
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Core Expectations	Activity – Lead COEWA Marketing Committee	
<input 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>As the fiscal and operational lead for COEWA activities in FY24, the Aerospace COE will lead the COEWA Marketing Committee and act as point-of-contact for COEWA marketing projects. Activities include:</p> <ul style="list-style-type: none"> • Organize and set agenda for regular marketing committee meetings • Oversee the \$24k for marketing across the COEs, including RFPs, contracting, and contract oversight • Act as a thought leader on ways to expand our marketing reach, including but not limited to newsletters, one-off publications, and other special projects • Manage the COEWA website 	
Funding Sources %	Purpose	Projected Outcomes and Products
100% allocation	<p>From the start, coewa.com was created to serve CTC system stakeholders. As the project has evolved, it has been necessary to appoint a lead Director to oversee marketing efforts. From newsletters to infographics to advocacy one-pagers, past projects have established the role of COEWA within the broader workforce system.</p> <p>The Marketing Committee lead advances the goals of all Centers of Excellence and system stakeholders, holding up best practices, ensuring web accessibility, and leading projects designed to</p>	<p>Q1: Prepare RFP for coewa.com website accessibility project</p> <p>Q1: Update coewa.com website, using assets created by Hemisphere Communications</p> <p>Q1: Set meeting cadence for regular marketing committee meetings throughout the year</p> <p>Q2: Finalize contract with winning accessibility bidder</p> <p>Q2: Lead Directors group in a decision-making exercise to identify second project, depending on resource availability from original \$24k</p>

	present the work of the Centers to a broad group of interested parties.	Q3: With contractor, finish website accessibility work Q4: Prepare possible activities list for next FY
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Proviso Activities

Core Expectations	Proviso Activity – Aerospace Workforce Recruitment Analysis	
<input type="checkbox"/> Economic Development <input checked="" type="checkbox"/> Sector Strategy <input type="checkbox"/> Ed/Innovation/Efficiency <input checked="" type="checkbox"/> Supply/Demand <input type="checkbox"/> Equity & Access	<p>In Partnership with the Pacific Northwest Aerospace Alliance and High Peak Strategy, create a report that examines whether aerospace is considered a promising career for students and young professionals.</p> <p>Tasks include:</p> <ol style="list-style-type: none"> 1. Interview and summary of finding of aerospace executives and recruiters. 2. Survey of 2- and 4-year students on awareness and views on the aerospace sector. 3. Survey of high school students on aerospace careers 	
Funding Sources %	Purpose	Projected Outcomes and Products

100% proviso	Analysis will leverage interviews and surveys to: 1) understand and characterize the hiring practices and challenges of aerospace employers; 2) solicit the attitudes and perceptions of aerospace careers among 2- and 4-year college students in disciplines that intersect or align with aerospace; and 3) gauge the awareness and interest among high school students in aerospace careers.	<p>The final technical report will include an executive summary, data exhibits, and technical addenda. A slide deck summarizing key findings will also be prepared. The findings will be publicly disseminated by the Center of Excellence and PNAA through a press release, online launch, and a webinar.</p> <p>The report will be completed in Q2. Public dissemination will take place in Q3.</p>
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Core Expectations	Proviso Activity – Data Access for Manufacturing Students and Navigators
<input 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>This Workforce Data Project will identify, extract, format and deliver workforce and related data, using the Chmura JobsEQ RTI platform. The project will demonstrate the use and effectiveness of occupational, industry and other data to the workforce education and training system. The project will deliver up to three one-hour webinars during the academic year to share occupational and demand data. In addition, and as part of the Aerospace COE’s budget proviso and Everett Community College’s “Wildly Important Goal,” the COE will provide Everett Community College students and staff an accessible dashboard that will show job prospects and occupational outlooks for manufacturing careers, including projected job openings in specific occupations.</p>

Funding Sources %	Purpose	Projected Outcomes and Products
100% proviso	<p>The Chmura Workforce Data Project will allow the Aerospace COE to actively access timely and important occupational, demand and workforce data for Everett staff and students and the CTC system more broadly. Data can inform and benefit manufacturing workforce student navigation, support current and planned program development, and create data benchmarks for current and emerging occupations. As directed in state proviso, this activity will help meet the goal that the Centers acts as the information entry point for prospective students and job seekers regarding education, training, and employment in the industry.</p>	<ol style="list-style-type: none"> 1. Dashboard for students and staff focused on manufacturing careers in Snohomish County, to be completed by the end of Q2 FY24. 2. Webinar data series across all four quarters. 3. Current and timely access to relevant occupational and demand data beginning by the end of Q1. 4. Intended completion: Ongoing.
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