

**Quarterly Narrative Progress Report
Trade Adjustment Assistance Community College and Career Training
(TAACCCT) Grants**

Project Name:

Washington Integrated Sector Employment (WISE)

Grant Number:

TC-26512-14-60-A-53

Award Year:

2014

Report Quarter Ending:

09/30/2018

Date of Submission:

11/09/2018

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A. Annual Summary for Grant Activities

The Washington Integrated Sector Employment (WISE) project commenced with grant funding 10/1/2014. Eight community and technical colleges and three centers of excellence (COE) engaged in instruction, capacity building, curriculum development, navigation, and workforce development activities in the construction, energy, and advanced manufacturing industry sectors. Colleges hired initial faculty and staff; however, the consortium experienced significant turnover and hiring became a challenging activity through Year 3. As the consortium mobilized, subcontracting issues emerged. RFP processes took longer to complete than envisioned and some activities transitioned to in house funding requiring approval of budget modifications. Fifteen of the proposed instructional programs enrolled participants in Year 1 and ultimately colleges implemented 30 programs by Year 3. All colleges continued programs into year 4 when the option of a six-month extension evolved. Each initiated program included locally designed navigation services; however, a subcontractor coordinated quarterly meeting, standardizing reporting, and sharing of best practices across the consortium. Data positively linked navigation to retention and employment outcomes. WISE published and shared a comprehensive navigation handbook. The colleges made FPO approved equipment purchases to strengthen instructional programs. The COE for Advanced Manufacturing took the lead on WISE funded National Career Readiness Certificate (NCRC)

initiatives. Five colleges finalized agreements, offered the requisite assessments, and awarded certificates. WISE realized only isolated progress in gaining employer acceptance and recognition of the NCRC. Capacity building activities were very successful continued throughout the grant. All three sectors benefited from sustainable capacity increases. Capacity gains included new and modernized curriculum, added seats in existing programs, and initiation of new programs and training locations. WISE achieved noteworthy capacity gains in welding, CNC machining, targeted energy related workforce needs, electricians, heavy equipment mechanics, and construction pre-apprenticeship. Colleges finalized new BAS degrees and articulation agreements serving the three industry sectors. Subcontractors and COE for Clear Energy staff collaboratively accomplished data collection and evaluations. With the assistance of a subcontractor, WISE shared new curriculum and other products on SkillsCommons.

B. Status Update on Leveraged Resources

Provide an update on the organizations that contributed the resources:

The design of the Washington Integrated Sector Employment project inherently relied upon leveraged resources. Increasing capacity, updating curriculum, and investing in learning environments of existing training programs in the targeted industry sectors inherently leveraged current investments by the eight colleges. Baseline personnel costs for existing faculty in programs being enhanced predominated this foundation built into program design. WISE colleges, our workforce development partners, tribal governments, and employers expanded the breadth of leveraged resources with monetary and in kind contributions to WISE projects. Leveraged resources added quality to specific WISE programs.

Provide an update on the ways in which the resources were used during the current quarter:

Seven colleges opted to request reimbursement for indirect costs at significantly lower levels than their approved federal rates. The grant leveraged these indirect differentials. The three colleges, which augmented programs instruction with integrated basic education and skills training (I-BEST) models, leveraged State funding for additional faculty and instructional costs. Multiple WISE programs received in-kind donations of funds, equipment, and consumable materials from various sources. These donations enhanced hands-on instruction, facilitated creation of simulation based training aids, supplemented grant funded enhancements to learning environments and activities.

Comments:

Leveraged resources enhanced navigation efforts at all colleges. Colleges, Centers of Excellence and a range of partners provided cash and in-kind resources for work readiness events on campuses and in regional venues. Tribal and municipal governments funded navigation staff to work in concert with grant funded navigators. All colleges funded administrators and faculty to augment grant funded staff to create BAS degrees and other new credentials in each of the WISE targeted employment sectors. Labor organizations and employers in each of the three industry sectors funded training for faculty facilitating curriculum enhancements and certification eligibility for program participants.

During this quarter, did you receive any additional leveraged resources beyond what is listed in your statement of work?

Yes

C. Status Update on Employer(s) Involvement

Discuss how the required employer(s) has been involved during the current phase of the project.

WISE incorporated two levels of required employers and labor. Fifteen employers involved in preparation of the grant proposal became the WISE governance board. Throughout the grant, they assisted in planning, evaluation, external communications, and strategies to address challenges. College-level advisory committees supported the individual training programs. These industry experts validated current and new curriculum and proposed changes to instructional environments and strategies.

Outline specific roles and contributions of the employer(s) during this quarter.

At all colleges, program advisory committee members connected program faculty, navigators, and participants with employment and work-based learning opportunities within their industry sector. They provided in-class and work-site supplemental instruction and other resources. Employers were particularly active in shaping pre-apprenticeship programs in each of the three WISE industry sectors. Pre-apprenticeship was perhaps the initiative where the greatest multi-sector employer cooperation emerged.

Identify any challenges encountered/resolved in the development and management of the employer involvement.

There were limits to joint efforts involving employers from multiple sectors. Sector specific curriculum and skills gap mitigation discussions were more fruitful. Employer time was valuable and there was a preference to engage with colleagues within a field rather than in broader general forums. Employer advocacy for the NCRC was tepid. Employers, particular labor organizations, acknowledged the validity of the assessments, but felt in place employability skills assessments were adequate.

Discuss new employers and commitments that may have been added to support the project.

New employers joined advisory committees adding perspectives and breadth of expertise. New programs recruited new committees. The COE for Construction assembled an employer group for a

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Developing a Curriculum (DACUM) activity that informed new program development including Leadership in the Trades initiatives at the course and BAS degree level. The Washington State Labor Council facilitated support of WISE programs by a broad geographic mix of employers from throughout the State.

Comments:

Noteworthy employers: The International Brotherhood of Electrical Worker (IBEW) was a very active WISE partner. The IBEW served on the governance board and through locals, on multiple advisory committees across all the WISE industry sectors. Many participants from multiple WISE colleges became IBEW apprentices. Major energy sector employers, including Puget Sound Energy, Avista, and Tacoma Public Utilities, took major governance and workforce advocacy roles. They promoted training and pre-apprenticeship programs, in all the WISE sectors. The Boeing Company, Washington's largest employer, actively participated in WISE governance and supported instructional programs at multiple colleges.

Have you had any consultation or advisory meetings with business or employer partners during this quarter?

Yes

Were there any direct hires of program of study completers by employer partners during this quarter?

Yes

Were internships or other work-based learning opportunities posted during this quarter?

No

Did you acquire any additional employer partners during this quarter?

No

D. Timeline for Grant Activities and Deliverables

General Comments:

Washington Integrated Sector Employment (WISE) project consortium partners were successfully in completing the proposed activities and deliverables. Collectively the activities and deliverables focused on governance and evaluation; consortium goals related to utilizing career navigators and addressing statewide skills gaps; and individual college goals to build capacity, enhance curriculum, and build sustainable workforce education infrastructure for the construction, energy and advanced manufacturing industry sectors. WISE initially planned to offer 20 instructional programs; however due to curriculum enhancements and program revisions, colleges ultimately delivered instruction to participants in 30 defined workforce programs. The consortium used SkillsCommons to share new curriculum and administrative products. By June 2018, members posted 45 product packages containing 837 files. The consortium went to great effort to provide a transparent record of outcomes. The resultant interactive dashboard allowed internal and external access to overall consortium outcomes, and outcomes by college and by instructional program. For future reference, the COE for Clean Energy maintains the dashboard on its website. The

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consortium committed to a focus on TAA eligible and veteran participants. With the improving economy in Washington State, there were fewer job losses qualifying TAA participants; however over 60 TAA funded participants enrolled in WISE programs. Some relocated to access training in the industry of their choice. WISE navigators proactively coordinated supports with the TAA case managers in the Department of Employment Security. Veterans were the primary beneficiaries of WISE navigation and the broader emphasis on prior learning assessments in the community and technical college system. WISE veterans received awards of credit above historical levels for similar programs. WISE programs successfully focused on transitioning women into nontraditional vocations.

How many programs are you planning to offer?

20

As of this quarter, how many programs have you launched to date?

20

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Activity ID: 1

Status: Complete

Activity Type: Activity

Project Goal: Activity 1.1 - Governance

Narrative: WISE grant kick-off and Executive Leadership Team meeting held at Centralia College, 12/1/2014.

Expected Start: 12/01/2014

Expected End: 08/31/2015

Actual Start: 12/01/2014

Actual End: 09/18/2018

Notes: 02/12/2015: Attended by grant CoE Directors, representatives from grant colleges, SJI, WSU Energy Program, SBCTC, Spokane Area WDC, City of Seattle, Construction Labor Equity and local employers. <http://cleanenergyexcellence.org/wise-executive-leadership-p-team>

05/13/2015: Center of Excellence Directors met & reviewed grant. Senator Maria Cantwell also met with Center of Excellence to review grant. Everett has begun advisory board recruitment as has Green River & Walla Walla. Bates hosted the first consortium meeting.

08/11/2015: CC organized the Energy and Construction Summit which BC hosted. ECC: Board for CSR being developed, RTC, ECC and CC developing P&P manual.

11/04/2015: CC: WISE Executive Leadership continue to take strong role in grant governance. GR: New members w/ CSR expertise joined Board

02/05/2016: WISE Executive Leadership continue to take strong role in grant governance. 3 new members – A. Massara Tacoma Power; A. Pavlik City of Seattle; B. Uptegrafft Impact Washington & Board Member for the Pacific Northwest Aerospace Alliance

05/11/2016: WISE governance board meets regularly and continues to take an active and interested role in the grant.

08/11/2016: WISE governance board meets regularly and continues to take an active and interested role in the grant. We are implementing a new monthly communication format to the governance board.

11/08/2016: WISE governance board meets regularly and continues to take an active and interested role in the grant: WISE advisory meeting, 9-30-2016

02/09/2017: Due to holidays the governance board was unable to find a date such that a quorum could attend this quarter. Next governance meeting scheduled for early March.

05/12/2017: WISE governance board meets regularly and continues to take an active and interested role in the grant: WISE advisory meeting, 3-10-2017

08/04/2017: WISE governance board meets regularly and continues to take an active and interested role in the grant: WISE advisory meeting, 6-1-2017

10/30/2017: WISE governance board meets regularly and continues to take an active and interested role in the grant: Next WISE advisory meeting, 11-16-2017

02/01/2018: The WISE Steering Committee and Executive Board met 11/16/17 and reviewed progress and plans and received reports from Walla Walla College and South Seattle College.

04/30/2018: On February 7, 2018, the WISE consortium convened a project status meeting.

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Governance board members and others discussed project successes, challenges, and the sustainability of project elements beyond March 31, 2018.

08/06/2018: The WISE governance board continued its work to monitor and provide guidance for close-out activities during the quarter. They also are assisting with input for final reports.

11/02/2018: The WISE governance board completed its work on 9/18/18 with a final meeting that included project managers and other stakeholders. Accomplishments and lessons learned during the four years of the WISE project were presented and discussed.

Activity ID: 2

Status: Complete

Activity Type: Activity

Project Goal: Activity 1.2 - Hiring

Narrative: Hiring has begun for managers, navigators and evaluators. Hiring is behind by about one quarter.

Expected Start: 10/01/2014

Expected End: 08/31/2015

Actual Start: 10/01/2014

Actual End: 03/31/2018

Notes: 02/12/2015: Project managers: Everett CC, Green River College, Renton TC, Bates TC, Centralia College Navigators: Renton, Walla Walla CC, Shoreline Technician/Faculty: Walla Walla CC, Bates TC WDC coordinator: Everett CC Evaluators: All CoE directors

05/14/2015: Hire: (manager, instructors and/or navigator): Centralia, Bates, Everett, Green River, Renton TC, Shoreline, Walla Walla. Recruit: (faculty, navigator and/or coordinator): Bates, Everett, Green River, Walla Walla. RFP for 3rd party eval. issued

08/10/2015: CC: Lost PM and Admin-re-hiring positions ECC: Nav for CSR, person cannot start until 10/1/15 due to DOL grant through 9/30/15. After 10/1 all staff for CoE/ECC GRC: Nav & Faculty post SCC: Nav resigned - repost SSC: Process for navigation, data

11/04/2015: BC: replacement ELCON instructor EC, SC: All staff hired CC: Program manager reposted GR: Navigator hired SS: SMEs for curriculum hired

02/05/2016: BC: Rehire ELCON instruct; Hire 2 IBEST instruct CC: Hire PM & RETC navigator GR: Hire Navigator & Business faculty. Budget revised for instruct designer-approval? SS: W/w WABO developer, hire contract for BAS development SC: Rehire teaching tech

05/11/2016: BC: Diesel instructor for Q6; Staff to be hired in Q7 for Tool Center startup CC: WISE Data Analyst hired GR: 2 faculty hired; fully staffed by 3/16. RFP for instruction design contractor in process SC: Hired replacement of teaching tech II

08/11/2016: BC: Staff for Tool Center startup. GR: Faculty RT: Rehired PM

11/08/2016: Although all positions, for all colleges, are staffed the grant is experiencing constant turnover.

02/09/2017: Although all positions, for all colleges, are staffed the grant is experiencing constant turnover - have lost program manager, navigator and coordinator in the last quarter alone.

05/12/2017: Although all positions, for all colleges, are staffed the grant is experiencing constant turnover. Have lost a program manager, two navigators and a coordinator in the last quarter.

08/04/2017: Although all positions, for all colleges, are staffed the grant is experiencing constant turnover. Have lost two navigators and a coordinator in the last quarter.

10/30/2017: Position for all colleges are staffed. However, the grant is experiencing constant turnover.

01/26/2018: Due to turnover and extension of instructional programs for additional quarters there were hiring actions for faculty and staff. Green River College reorganized staffing. PPM Associates was contracted to assist with uploading to Skills Commons.

05/07/2018: Staffing was reduced consistent with the end of instruction and direct student support services. No new hires are projected for the remainder of the grant period.

Activity ID: 3

Status: Complete

Activity Type: Activity

Project Goal: Activity 1.2 - Integration

Narrative: Meetings were held with individuals and departments to begin integrating WISE grant onto campuses.

Expected Start: 01/01/2015

Expected End: 08/31/2015

Actual Start: 10/01/2014

Actual End: 05/12/2017

Notes: 02/12/2015: College Leadership: Bates TC, Shoreline, South, Walla Walla CC Faculty: Bates TC, Renton TC, Everett, PIO: South, Centralia Electronic Media: Centralia (listserv), Renton (SharePoint)

05/12/2017: This was completed some time ago. I am not sure why this has not been closed out.

Activity ID: 4

Status: Complete

Activity Type: Activity

Project Goal: Activity 1.3 - Workforce

Narrative: Announcement made to begin the process of collaboration with the workforce system.

Expected Start: 01/01/2015

Expected End: 08/31/2015

Actual Start: 10/01/2014

Actual End: 03/31/2018

Notes: 02/12/2015: Announcements were made to college deans at the Workforce Education Conference; and to the community during a visit by Governor Jay Inslee. Inslee congratulated the Centralia College for being a U.S. Dept. of Labor TAACCCT grant recipient.

05/14/2015: Bates: WDC; ESD TAA Everett: SAWDC and WSLC Renton TC: ETPL - Commercial Building Engineering & Construction Walla Walla: WorkSource, transitional program, worker retraining & TRIO program Shoreline: PM outreaching training and workforce partners

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08/11/2015: BC: Met w/ ESD, WDC & Rally Point 6 ECC: Met w/ Snohomish County WDC re: NCRC; marketing plan for CSR RTC: Met w/ WDC for referrals SSC: Met Worksource for referrals, ETP docs for IMAA WWCC: Met w/ transitional program, worker retraining
11/04/2015: BC: WDC & ESD: RP6 EC: WF Sno, WS & Goodwill re: CSR. Sno WDC re: admin NCRC through WS RTC: ETP courses SS: W/w WS. ETP for IMAA WW: W/w TP, WR & TRIO
02/05/2016: BC: Access for W2W at TG clients to TCP EC: Met w/ SWWDC w/ WF Central re: NCRC for clients RT: Launched programs on ETP list WW: W/w TP, WR & TRIO
05/11/2016: Work w/ WS: CC, GR, RT, WW Work w/ WF: BC, EC, GR Work w/ WDC: EC, SC Work w/ TRIO: WW Work w/ Goodwill: EC RT: Launched and supported programs listed on ETP list
08/11/2016: BC: WF began refers to Tool Center EC: WS to address staff GR: Working w/ GR WF, WR, SKCWS & WDC SS: Work w/ WIB, CBOs, WIOA SC: Working w/ WF & CBO
11/08/2016: BC: WDC referred TAA to programs EC: Met w/ WS staff in Everett, Lynnwood & Marysville Goodwill re. CSR GR: Partnered w/ GRC WF Ed. & WR, SKCWS & WDC on trends RT/SS: Programs on ETPL SS: Referred to WIB, CBOs, & partners. WBL through apprentices
02/10/2017: EC: Networked @ the Workforce conference in Seattle RT: Programs are listed on the ETPL SS: Translated flyers into Spanish for recruiting
05/12/2017: BC: L&I certified construction pre-apprenticeship program EC: Continue to work with Work Source and L&I providers to ensure that they are updated on CSR program and info sessions SC: Attended sector panels King & SnoCo SS: Offer ESL for Trades
08/04/2017: BC: WF collaborations are complete. L&I certified construction pre-apprenticeship CC: Navigator working w/ WS WA EC: Working w/ WS & L&I on CSR GR: Met w/ representatives from state & county RT: Programs on the ETPL SS: AJAC & TAC assisting college

10/30/2017: All colleges working closely with WorkSource and employment/transition partners for employment trainings and employer connections. EC: Updated partners on CSR program. SS: New Advanced Manufacturing Prep (AMP) program with AJAC.
01/30/2018: All colleges continue working with Workforce partners during this extension phase of the WISE project.
04/30/2018: Workforce partners collaborated with colleges to facilitate participant employment.

Activity ID: 5

Status: Complete

Activity Type: Activity

Project Goal: Activity 2.1 - Curriculum

Narrative: Began identifying/making enhancements to existing programs, curriculum and apprenticeship programs.

Expected Start: 10/01/2014

Expected End: 08/31/2015

Actual Start: 10/01/2014

Actual End: 03/31/2018

Notes: 02/12/2015: Enhancements: Green River New Curriculum: Everett Apprenticeships:

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Renton TC, South Seattle, Centralia

05/14/2015: Developing (course materials, curriculum, pre-apprenticeship programs, certificates): Bates, Centralia, Everett, Green River, Renton TC. Meeting w/ faculty: Shoreline. Recruiting students: Bates, Centralia, Everett, Walla Walla

08/10/2015: BC: CDL Class B Course to Diesel program approved ECC: Support AWS cert exam & cont. use NCRC in Adv Man pre-employ GRC: Review program & NCRC MOU RTC: C&B under WISE – for Nav SCC: MFGT 155 QA Fundamentals dev as hybrid SSC: M-cam & S-works

11/05/2015: BC: NCRCPT EC: WABO exams. NCRC for AMPe GR: CSR done. NCRC MOU SC: Hybrid MFGT 155 QA curriculum SS: Start date M-cam & S-Works WW: CoEAAM to proctor NCRC

02/05/2016: EC: Providing WABO & NCRC testing; SS: Modifying WABO curriculum for industry, develop AMPe cert SC: 3-D printing developed WW: Navigator - NCRC Proctor

05/11/2016: All colleges that will use the NCRC have signed needed contracts. BC, EC GR and SS are modifying current programs. WW will need to bring in a new program to cove a program loss (see Key Issues).

08/11/2016: BC: Diesel certificate in hydraulics & pneumatics approved EC: SheetMetal Union held info session w/ welding students re: pre-apprenticeship opps; work w/ WSLC for pre-apprenticeship opps w/ Ironworkers Union

11/08/2016: CC: Navigation plan for CC Energy Tech EC: Machining staff NIMS cert; Machining program students take NIMS GR: NCRC offered in BUS 259 SS: Offered NCRC to IMAA students. Updating Mastercam class. New WABO certificate WW: Navigator proctor NCRC

02/10/2017: CC: Year 1 ET students get navigation sooner GR: CSR program: BA 145; BUS 101, 103, 150, 166, & 258; and BTAC 100, 101, 110, & 130. BUS 259/ NCRC to be offered Wtr. '17 SS: Used feedback from AJAC on MA WW: Giving NCRC; marketing this to employers

05/12/2017: BC: Recertification of proctors Q11 EC: NIMS certs part of machining prog; semi-annual info for welding apprenticeships GR: Latticed CSR: BA 145; BUS 101, 103, 150, 166, & 258; & BTAC 100, 101, 110, & 130. BUS 259 offered Wtr. '17, & online Sum. '17

08/04/2017: EC: NIMS certs - machining prog; semi-annual info sessions for SMUA for welding GR: BUS 259 offered Wtr. '17, & online in Sum. '17 SS: Industrial Certification Week - 4 credentials in 6 days

10/30/2017: NCRC use continues at five colleges. BC: Diesel Technology curriculum change. CC: PPO program switched to Amatrol LMS simulation environment. EC: Continue use of NIMS GR: Latticed CSR courses offered online

02/01/2018: NCRC testing continues at 4 colleges; At South Seattle College, CNC program NIMS certified; Building Inspection program can award Code Officials Accreditation. Shoreline Community College adds WISE curriculum to Mechatronics AAS.

04/30/2018: Two new courses taught at Renton Technical College (Q14).

Activity ID: 6

Status: Complete

Activity Type: Activity

Project Goal: Activity 2.2

Recipient: Centralia College

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Quarter Ending: 09/30/2018

Narrative: Not yet started

Expected Start: 01/01/2015

Expected End: 12/31/2015

Actual Start: 06/01/2015

Actual End: 03/31/2018

Notes: 05/14/2015: New or revised certification and degrees are in committee at Bates, Everett and Green River but have not been submitted for approval. All Renton TC programs have been submitted to SBCTC and approved all are financial aid approved.

08/07/2015: Bates: SBCTC approve for Class B CDL class Everett: Met w/ GRCC re: CSR development Green River: PAR OK'd by FCRC, sent to SBCTC Renton: SBCTC approves Leadership in the Trades stackable certificate within Construction Mgmt.

11/04/2015: BC: D/HE approved by SBCTC EC: The CSR certificate going through committees on campus GR: Board notes & PAR OK'd by GR, sent to SBCTC, approval pending

02/05/2016: BC: D/HE cert SBCTC approved EC: EC curriculum comm: CSR approved; HT curriculum winter 2016 GR: SBCTC approve PAR for CSR WW: IM approved federally

05/11/2016: BC: Diesel cert. in hydraulics & pneumatics submitted Q7 EC: CSR & Metallurgy courses approved EC curriculum committee SS: New Scope of Work for BAS sent to SBCTC

08/11/2016: EC: Metallurgy in welding approved - begins spring 2016 GR: SBCTC accepted Program Approval Request for the initial CSR program in 10/15, revised and approved 3/16 SS: BAS in Workforce and Trades Leadership continuing to be refined

11/08/2016: BC: New diesel certificate in hydraulics and pneumatics will be submitted to SBCTC SS: New degree proposal in Workforce and Trades Leadership continue to be developed

02/09/2017: BC: COT Hydraulic and Pneumatic Systems approved EC: final class approval for metallurgy in welding approved

05/12/2017: BC: Industry recommended curriculum revision will be submitted for review - implementation Q13 GR: 15 credit CSR Specialist certificate, approved Spring, 2017 SS: Preparing second year of WABO curriculum. Built course for WTL

08/04/2017: BC: Diesel curriculum certificate and degree approved by SBCTC Fall 2017 GR: 15 credit CSR Specialist certificate implemented in Spring 2017 SS: Preparation of letter regarding BAS degree to NWCCU. Submitted Industrial Cert Week to State Board

10/30/2017: CC: Multi-occupational AAS pending approval by to Centralia College RT: Created Leadership in the Trades Certificate SS: Developing 2nd year of WABO program. WW: Consolidated several degrees into one with multiple tracks

02/01/2018: Shoreline Community College AAS in Mechatronics approved by SBCTC. Renton Technical College submitted Construction Preparation Program curriculum revision to SBCTC.

04/30/2018: All WISE curriculum products have been approved by or submitted to appropriate agencies.

Activity ID: 7

Status: Complete

Activity Type: Activity

Project Goal: Activity 2.3

Recipient: Centralia College

Grant Number: TC-26512-14-60-A-53

Quarter Ending: 09/30/2018

Narrative: Not yet started

Expected Start: 04/01/2017

Expected End: 12/31/2017

Actual Start: 06/01/2015

Actual End: 06/29/2018

Notes: 05/13/2015: RFP for National Training and Educational Resource complete not yet issued.
08/10/2015: CC: NTER contract awarded ECC: Curriculum for CSR & welding's heat treat system; NCRC & WISE grant presented @ summit; CoEAAM URL on website to post WISE progress; URL for WRW & NCRC; ECC adds URL for CSR RTC: Shared program w/ BC & WWCC
11/05/2015: EC: COEAAM attended ACT conf in SC submitted poster on work w/ industry, CTC's and community w/ NCRC SS: WABO curriculum to be disseminated
02/05/2016: CC: Meeting w/ CC elearning EC: HT curriculum finished & embedded into metallurgy begin spring 2016; presentation at BMA meeting & ECAC re: NCRC
05/11/2016: CC: Hydro DACUM EC: WorkReady WA & CSR websites updated w/PR material GR: Resource Guide done. Course work, competency-based curricula & resources to be developed SS: Presented at League for Innovation, on WISE pre-apprenticeship & degree pathways
08/11/2016: CC: hydro advisory meeting EC: Contract with Ytel for CSR lab; providing this to GRCC GR: Resource Guide done. New course BUS 259 and competency-based curricula & resources to be developed by faculty and subcontractors, summer 2016
11/08/2016: CC: Materials for hydro power class developed GR: Course BUS 259 finished; competency-based curricula developed by faculty & subcontractors, Fall 2016 SC: NCWE conference presentation on partnership w/ SS SS: WABO & machining Curr.Dev.
02/09/2017: CC: Hydro classes recorded for online distribution & instructional materials developed GR: Curricula for CSR BUS 259 finished; course offered Wtr. Qtr. Resource guide updated. Mechatronics 110-140 revised. CC, EC, RT, SS, SC, WW: Presented at NCWE
05/12/2017: BC, EC, SC will present NCWE 2017 GR: CSR practicum (BUS 259) done offered Wtr. Qtr, w/ online version Summer, 2017, Mechatronics 110-140 revised; new CNC course under dev SS: Represented at Apprenticeship Forward Conference - Washington DC
08/04/2017: EC: Presented update on EC at WISE advisory board meeting GR: CSR practicum (BUS 259) taught in Spring, and online version was offered Summer, 2017. Mechatronics 110-140 revised; new CNC course under dev RT, SC, EC: presenting at NCWE
10/30/2017: Subcontracting for consortium-wide upload of materials to SkillCommons
02/01/2018: PPM Associates contracted to assist in packaging enhanced instructional materials over next two quarters for Skills Commons upload. A three college team presented at National Conference for Workforce Education in October 2017.
04/30/2018: All colleges actively worked with PPM Associates to package products for uploading on Skills Commons.
08/06/2018: All colleges successfully uploaded packages to Skills Common: in total 837 files within 45 product packages. <https://www.skillscommons.org/handle/taaccct/1532>

Activity ID: 8

Status: Complete

Recipient: Centralia College

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Activity Type: Activity

Project Goal: Activity 3.1 - NCRC

Narrative: Work has begun on the NCRC focusing on competency based assessment and prior learning assessment.

Expected Start: 10/01/2014

Expected End: 08/31/2015

Actual Start: 10/01/2014

Actual End: 03/31/2018

Notes: 02/12/2015: The CoE for Aerospace has taken the lead on NCRC. Presentations have been made to state WDCs, a brochure created and Everett CC is looking at granting credit for NCRC certification. Prior learning assessment is being led by the CoE for Construction.

05/13/2015: NCRC license approval pending for Bates, NCRC site visits scheduled for all colleges, NCRC website and brochures launched. Meeting of Work Ready Academy (NCRC Leadership) held at Bates.

08/10/2015: BC: MOU w/ SWDC pending COEAAM engage Pierce Transit to adopt CC: Present NCRC @ Summit ECC: NCRC in curriculum GRC: Will be assigned to Curr. Spec RTC: JST to add to transcript SCC: MOU w/ COE re: NCRC 6/2/15 SSC: NCRC MOU begun w/ CoE & SWDC

11/05/2015: EC: working w/ consortium colleges on NCRC GR: NCRC MOU signed. RT, GR: Meeting re: PLA SS: NCRC MOU begun w/ CoEAAM & SWDC WW: WorkKeys

02/05/2016: EC: All colleges but CC have NCRC proctors – CC will have proctors by next report. GR: W/w Vets Office & Admissions re: CBA

05/11/2016: BC: Refine assessment of Veteran's JST EC: NCRC for Vets in Power Pathways program GR: Integrating NCRC into courses. Discussion ongoing w/GR offices on CBA RT: Working w/ Registrar for PLA SC: Training for NCRC & WorkKeys WW: Using WorkKeys

08/11/2016: BC: Refining assessment of Veteran's JST EC: Working with colleges to use NCRS; employers to recognize GR: NCRC in courses Fall, '16 RT: Working on PLA with Registrar, encourage students to pursue PLA WW: Begun using work keys

11/08/2016: EC: Continue to work w/ consortium colleges re. using the NCRC; continue to work w/ employers to recognize NCRC GR: NCRC being implemented in Fall, '16. RT: Working w/ Registrar, to encourage PLA WW: Began using work keys

02/10/2017: BC: PLA process & forms for Veterans considered for adoption GR: NCRC to be offered Wtr Qtr for students in BUS 257 and 259

05/12/2017: GR: NCRC in BUS 257 & 259, & by recommendation of Navigator. RT: Dialogue on PLA with Registrar, encourage students to pursue PLA if they have the appropriate education, military or work experience SS: 2 new candidates to become proctors

08/04/2017: CC: Working on PLA for apprentices RT: RTC has adopted most recent State of Washington PLA policy SS: Improving PLA work by meeting internally at college to assess granting credit in short-term trainings

10/30/2017: NCRC use continues at five colleges. All colleges working with internal stakeholders to enhance/standardize PLC processes. EC: Continue to lead efforts with employers to recognize the NCRC in hiring

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02/01/2018: Designated Centers of Excellence are conducting reviews of best practices related to National Career Readiness Certificate and Prior Learning Assessments.

05/07/2018: The last WISE funded prior learning assessments and National Career Readiness Certificate assessments were conducted.

Activity ID: 9

Status: Complete

Activity Type: Activity

Project Goal: Activity 3.2 - Employers

Narrative: WISE kick-off meeting and presentations of the NCRC have begun this process.

Expected Start: 10/01/2014

Expected End: 08/31/2015

Actual Start: 10/01/2014

Actual End: 06/30/2018

Notes: 02/12/2015: See Activity 1.1 and 3.1.

05/14/2015: Bates: Recruiting employers for advisory council. Everett and Shoreline: Met with industry regarding NCRC. Renton TC: Discussed process and Navigation Model. South Seattle: Developer spoke with WABO partners

08/10/2015: BC: WBL contracts are being utilized; proactive employer outreach; Reseaching w/ employer options retated to power generation equipment ECC: Employer outreach for CSR & NCRC SSC: Outreach to Machinists Inc., Renton Coil & Spring, B&G Machine

11/04/2015: Bates: 4 new advisory commit. memb. Everett: MOU w/ StockPot re: NCRC. Comcast re: CSR GR: Attend CCNG. New board positions RT: Trades rotate, internship

02/05/2016: GR: Attended CCNG events RT: Launched grant supported trades rotation between Tulalip Tribal CTP & Carpenters' Apprenticeship

05/11/2016: Most colleges are offering the NCRC and outreaching employee partners about its use. Also many are looking to employee partners for internships for students and apprenticeship programs.

08/11/2016: CC: PNCECE advisory meeting EC: Working w/ Frontier for internship hours in live CSR setting GR: BUS faculty contacted SMEs re: employment needs & NCRC RT: 2nd trades rotation between Tulalip Tribal CTP & Carpenters' Apprenticeship

11/08/2016: BC: Faculty meet w/ FedEx, Pierce Transit, & labor EC: New advisory board member to COE w/ interest in NCRC, internships & pre-employment RT: 2nd trade rotation w/ Tulalip Tribal CTP & CA SS: Met w/ CAMPS re: veterans PLA

02/10/2017: EC: NIMS certs in MP at EC& South; employer feedback on CCSL GR: Boeing internships for Mech RT: 2nd trades rotation @ TTCTP & CA SS: Leveraged feedback on MA from AJAC

05/12/2017: GR: CSR liaison to enhance industry outreach. Mechatronics students in Boeing internships. Developing outreach videos RT: Launched 2nd trades rotation between Tulalip Tribal CTP & the Carpenters' Apprenticeship SS: Met SMJAC & GearWorks regarding Ad

08/04/2017: EC: Working w/ Comcast for on-site training for CSR RT: Launched 2nd trades rotation between Tulalip Tribal CTP & Carpenters' Apprenticeship SC: TAC included

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informational interviewing w/ students SS: Asked TAC to consider OJT & work-based learning
10/30/2017: Ongoing at all colleges EC: Comcast - CSR program RT: Partnership with Tulalip
Tribal CTP and the Carpenters' JATC. SC: Navigator continued connections and training with
workforce partners.

02/01/2018: Ties with committed employer partners remain strong at all colleges during this project
extension phase and are expected to continue after project sunsets. Employer input via surveys is
being gathered.

04/30/2018: During the quarter employers were active at all colleges facilitating participant
employment and transitions to sustain programs of study.

Activity ID: 10

Status: Complete

Activity Type: Activity

Project Goal: Activity 3.3

Narrative: Not yet started

Expected Start: 01/01/2015

Expected End: 09/30/2018

Actual Start: 04/01/2015

Actual End: 12/31/2016

Notes: 05/13/2015: Colleges began navigation services to support students access to educational
& financial resources & job search. RFP developed for Centralia lead navigator. Everett has begun
work with the WSLC. Marco Ramirez student presented to Sen. Maria Cantwell

08/10/2015: BC: support services & referrals ongoing; review of services begun CC: S. Bowles, T.
Kinney & K. Fetters grads presented @Summit ECC: Businesses input CSR; met w/ labor re:

MOU for welding; NCRC @ Summit SSC: Met w/ WorkSource re: referral process

11/04/2015: BC: Presented BC GAC EC: MOU w/ WWA. SJATC for welding GR: Consulting on
marketing RT: Comm. Resource workshop SS: Met w/ WS & WF re: referrals

02/05/2016: Presented Advisory Committee: BC Outreach presentations and materials: GR Met w/
community based organizations: WW, RT, SS Meet w/ industry partners: EC

05/11/2016: Colleges have access to navigation which has as part of its duties outreach to
employers, business, civic, community-based, labor, and workforce organizations. Colleges meet
regularly w/ TAC. BC outreaches local business to get buy in on NCRC.

08/11/2016: Colleges have access to navigation which has as part of its duties outreach to
employers, business, civic, community-based, labor, and workforce organizations. Colleges meet
regularly w/ TAC. BC outreaches local business to get buy in on NCRC

11/08/2016: Colleges have access to navigation which outreaches employers, business, civic,
community-based, labor, and workforce organizations. Navigation also supports students in
accessing wrap around services. Colleges meet regularly w/ TAC.

05/12/2017: Colleges have access to navigation which outreaches employers, business, civic,
community-based, labor, and workforce organizations. Navigation also supports students in
accessing wrap around services. Colleges meet regularly w/ TAC & industry reps.

08/04/2017: Colleges have access to navigation which outreaches employers, business, civic,

community-based, labor, and workforce organizations. Navigation also supports students in accessing wrap around services. Colleges meet regularly w/ TAC & industry

Activity ID: 11

Status: Complete

Activity Type: Activity

Project Goal: Activity 4.1 - Evaluation

Narrative: First meeting with SJI to work out contract for evaluation occurred 11/3/2014.

Expected Start: 10/01/2014

Expected End: 04/01/2015

Actual Start: 10/01/2014

Actual End: 09/28/2018

Notes: 05/13/2015: RFP for 3rd party evaluator issued, RFP for data management developed.
08/10/2015: CC: Evaluation w/ 3SI. Data management in process ECC: Work w/ local union & WSLC re: evaluation tool for student entry - pre-apprenticeship program SSC: Looking to partners further along in the process for best practices
11/04/2015: EC: Evaluation w/ welding students that complete GR: Work w/ faculty & industry to revise goals, tools & metrics WW: Surveying employer outcomes
02/05/2016: All colleges are tracking participants using surveys, college data systems. When data management position hired tracking will become more accurate & complete. Evaluator is setting up employee surveying. Comparison cohort identified.
05/11/2016: BC: Fully effective tracking mechanism elusive GR: Course and program evaluation plans are being written for learning outcomes, & will be included in the language of an RFP for instructional design WW: We have tracked this using Survey Monkey
08/11/2016: Public tracking dashboard will be up in Summer 2016. Regular monthly reports being sent to grant governance.
11/08/2016: Public tracking dashboard will be up in Winter 2016. Regular monthly reports being sent to grant governance.
02/10/2017: Public tracking dashboard is up and updated quarter. Regular monthly reports being sent to grant governance.
05/12/2017: Public tracking dashboard is up and updated quarter. Regular monthly reports being sent to grant governance.
08/04/2017: Public tracking dashboard is up and updated quarter. Regular monthly reports being sent to grant governance
10/30/2017: Regular monthly reports being sent to grant governance. Dashboard is up and updated quarterly
02/01/2018: Data continues to be collected, assessed and posted to project dashboard by subcontracted evaluator. <http://cleanenergyexcellence.org/projects/wise/wise-statistics/>
04/30/2018: Q13 data posted to Dashboard
<http://cleanenergyexcellence.org/projects/wise/wise-statistics/>
08/06/2018: In May all colleges completed a survey designed by third party evaluator to provide input for final overall evaluation.

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11/02/2018: The required third party evaluation was completed and submitted by 3SI. The WISE outcomes data dashboard remains accessible though the Center of Excellence for Clean Energy website: <http://cleanenergyexcellence.org/projects/wise/wise-statistics/>

Activity ID: 12

Status: Complete

Activity Type: Activity

Project Goal: Activity 4.2

Narrative: Not yet started

Expected Start: 04/01/2015

Expected End: 08/31/2015

Actual Start: 10/05/2015

Actual End: 09/28/2018

Notes: 11/04/2015: GR: CSR team coordinate w/ grant administration, industry & partner colleges
SS: Shared data w/ employers & WF partners to analyze gaps in training

02/05/2016: CC: Likely comparison cohort IDed. Evaluation dashboard prototyped. GR: CSR team will develop local evaluative metrics & coordinate with grant administration, industry & partner colleges on this throughout 2016

05/11/2016: WISE team is developing local evaluative metrics & coordinating with industry & partner colleges on this throughout 2016. Data collection is being set up for quasi-experimental analyses of Manufacturing Academy at SC & BC

08/11/2016: WISE team is developing local evaluative metrics & coordinating with industry & partner colleges on this throughout 2016. Data collection is being set up for quasi-experimental analyses of Manufacturing Academy at SC & BC.

11/08/2016: WISE team developing local evaluative metrics & coordinating with industry & partner colleges on this throughout 2016. Data collection is being set up for quasi-experimental analyses of Manufacturing Academy at SC & BC. Dashboard should go live qtr 9

02/10/2017: WISE team developed local evaluative metrics & coordinating with industry & partner colleges on this in 2016. Data collection is being set up for quasi-experimental analyses of MA at SC & BC. Dashboard is live and updated quarterly.

08/04/2017: All data sharing contracts finalized. Data plans complete. Outcomes dashboard in process.

10/30/2017: Data collection is being set up for quasi-experimental analyses of MA at SC & BC. WISE team developed local evaluative metrics & coordinating with industry & partner colleges

02/02/2018: Evaluation activities ongoing pursuant to colleges' plans. Quasi-experimental analysis plan being revised to reflect data availability constraints. Third party evaluator maintains dashboard: <http://cleanenergyexcellence.org/projects/wise-statistics/>

04/30/2018: February 7, 2018 project status meeting was held to plan evaluation activities during Q15 and Q16.

08/06/2018: Evaluation activities continue by colleges, centers of excellence and third party evaluator.

11/02/2018: The third party evaluation included quasi-experimental analyses of manufacturing

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academy programs. Colleges submitted final outcomes data. Going forward Centers of Excellence will use data for future work within respective industry sectors.

Activity ID: 13

Status: Complete

Activity Type: Activity

Project Goal: Activity 4.3

Narrative: Not yet started.

Expected Start: 06/30/2016

Expected End: 08/31/2016

Actual Start: 10/01/2016

Actual End: 04/28/2017

Notes: 08/11/2016: To be completed this year.

11/08/2016: In progress. Completion projected for end of calendar year 2016.

02/10/2017: Mid-term report is in final edits. Will be submitted before end of quarter 9.

05/12/2017: Mid-term report is complete and submitted.

Deliverable ID: 1

Status: Complete

Deliverable Type: Deliverable

Project Goal: Deliverable 1.1 - grant docs

Narrative: No deliverable in the 1st quarter.

Expected Start: 10/01/2014

Expected End: 08/31/2017

Actual Start: 10/01/2014

Actual End: 12/31/2016

Notes: 02/12/2015: In the 1st qtr. we began the process of gathering the documents to complete this deliverable.

05/13/2015: All colleges have signed award agreements. Equipment approval has been submitted to FPO for forwarding to DOL. RFPs for 3rd party evaluation has been issued. RFPs for data management, navigation, access to the NTER and veterans support developed.

08/10/2015: This is complete. All grant documents with sub-recipients are in place. Although some equipment has not yet arrived all equipment is approved and ordered.

11/04/2015: Complete: Some equipment still in process

02/05/2016: BC, GR and CC are awaiting budget mod approval; All equipment is purchased and received except WW which is awaiting DOL response to a question about disbursement of assets & RT who have ordered but manufacturer is behind in delivery.

05/11/2016: EC: Metallurgy class featuring Heat Treat system equipment started spring quarter (delayed due to delay in equipment shipping) WW: Equipment purchase delay due to Net Zero house issue (see Key Issues)

08/11/2016: Awaiting equipment approval for Walla Walla equipment. Late approval request due to Net-zero house being disallowed.

11/08/2016: Final equipment purchases made by Walla Walla – late do to dis-allowance of Net-Zero house.

02/10/2017: Administrative documents, including award receipt and grantee commitments; requests for equipment and capital improvements, and implementation details are all in place.

05/12/2017: Administrative documents, including award receipt and grantee commitments; requests for equipment and capital improvements, and implementation details are all in place

Deliverable ID: 2

Status: Complete

Deliverable Type: Deliverable

Project Goal: Deliverable 1.2 - Articulation

Narrative: No deliverable in the 1st quarter.

Expected Start: 10/01/2014

Expected End: 08/31/2015

Actual Start: 10/01/2014

Actual End: 04/01/2016

Notes: 02/12/2015: Discussions began regarding articulations in the 1st quarter of the grant.
05/13/2015: Articulations in progress - no deliverable in the 2nd quarter.
08/10/2015: BC: Articulation - AAS Diesel/Heavy Equipment Mechanic - BAS Diesel Technology
CC Everett: MOU SWDC & colleges re: NCRC cert; college NCRC MOU – 1 final; 3 in process
GRC: program latticed to BAS degree SSC: NCRC MOU in process
02/05/2016: BC: D/HE AAS to BAS Articulations GR: Program is stacked and latticed to other
BUS certificates and degrees. Mechatronics courses also integrated SS: Working to put in place
articulation agreement between CC and SS for Sustainable Building BAS
05/11/2016: BC: D/HE program w/ CC & MSU CC: BASSBST w/ SS SS: Working on HVAC w/
CC
08/11/2016: All articulations are in place.

Deliverable ID: 3

Status: Complete

Deliverable Type: Deliverable

Project Goal: Deliverable 2.1

Narrative: Not yet started.

Expected Start: 10/01/2015

Expected End: 12/31/2015

Actual Start: 06/01/2015

Actual End: 03/31/2018

Notes: 05/14/2015: Everett: Memorandum of Understanding & PSC with Spokane Area
Workforce Development Council & Washington State Labor Council. Renton TC: SBCTC has
approved our program revisions and program outlines.
08/10/2015: BC: articulation - AAS Diesel/Heavy Equipment Mechanic - BAS Diesel Technology
MSU CC: Letters BPA, PGE & JBLM in process ECC: Industry advising & promoting CSR RTC:
SBCTC approves program revisions & outlines SSC: Prep for NIMS cert
11/04/2015: BC: New D/HE certs RT: SBCTC approve SS: Validating curriculum w/ employers.
Preparing for NIMS certification
02/05/2016: BC: New D/HE Certificates RT: SBCTC has approved our program revisions &
outlines. SS: Continued development of BAS, WABO certificate, & advanced manufacturing
certificates
05/11/2016: BC: NATEF accreditation for diesel program in works EC: Working w/ SheetMetal
Union to expand signed MOU to outline application process for pre-apprenticeship &
apprenticeship SS: NIMS certification via SC partnership WW: Starting NCRC
08/11/2016: EC: final approval for metallurgy welding class received; continue to work with
WSLC to gain pre-apprenticeships through ironworkers
11/08/2016: BC: NATEF accreditation for diesel program envisioned by Q13 EC: Work w/ WSLC
to gain an MOU for pre-apprenticeships through ironworkers GR: Marketing and Outreach plan
implemented Fall '16. Agreements sought from all industry partners
02/10/2017: EC: Continue to work with WSLC to gain a signed MOU for pre-apprenticeships
through ironworkers GR: CSR Board and Grant Manager are developing agreements with targeted

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industry partners

05/12/2017: GR: Navigator and Program Liaison developed & implemented targeted outreach to employers. Mechatronics program creating pipelines to Amazon & Boeing SS: Formal agreement with Urban League for Safety Week offerings

08/04/2017: GR: Working w/ campus stakeholders, industry partners and U.S Army Informal Education initiative to formalize agreements SS: Agreement with Pacific Associates to support non-Urban League Industrial Certification Week students

10/30/2017: All: Annual curriculum verifications by advisory committees SS: Pacific Associates formal agreement supporting Industrial Certification Week program.

02/01/2018: Significant formal letters and agreements related to programs in the WISE project will be uploaded to Skills Commons.

04/30/2018: Renton Technical and South Seattle Colleges finalized construction trades preparation partnership with Tulalip Tribe. Bates Technical College submitted TOOL Center Construction Pre-apprenticeship program for Labor and Industries recertification.

Deliverable ID: 4

Status: Complete

Deliverable Type: Deliverable

Project Goal: Deliverable 2.2

Narrative: No deliverable in the 1st quarter.

Expected Start: 10/01/2014

Expected End: 06/01/2017

Actual Start: 10/01/2014

Actual End: 03/31/2018

Notes: 02/12/2015: Discussion have begun and faculty identified to begin curriculum development.

05/14/2015: Bates: Developed class materials for Diesel Engine Certification. Everett, South, Green River and Shoreline: Curriculum development is ongoing. Renton TC: Certificate and program outlines have been submitted to the WA SBCTC & approved.

08/10/2015: BC: Diesel/Heavy Equipment Mechanic & Electrical Construction ongoing ECC: 1 year CSR cert developed using existing & new classes SSC: WABO curriculum developed & in Canvas WWCC: New curricula for Carpentry program

11/04/2015: Curricula done @ EC, RTC, SS & WW BC: ELCON Curriculum in progress EC: URL for CSR program done

02/05/2016: BC: IBEST for 34 D/HE & 30 EC students EC: curriculum for HT instruction embed in metallurgy classes; CSR classes finalized except simulation lab GR: Hiring Instruct. Designer SS: WABO online. BAS, WABO, & IMAA - credit-based WW: curricula for IM

05/11/2016: EC & GR are researching a simulated call center for CSR SS: Continued buildout of CNC and machining curriculum online & in Canvas. Planning second cohort WW: New curricula is currently being used for the start of the Industrial Maintenance program

08/11/2016: EC: Have signed contract with YTEL to provide CSR simulation program for CSR lab course; course syllabus, etc. finalized for fall 2016 SS: Continuing to build BAS in Workforce and

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Trades Leadership

11/08/2016: EC: Contract w/ YTEL to provide CSR simulation program for CSR lab, course syllabus, etc. finalized for fall 2016 GR: Contact Ctr Lab practicum (BUS 259) finished and to be taught Wtr. '16 SS: WABO curriculum updated

02/10/2017: BC: DIESL 130, 131, 132, 133, and 155; ELCON 113 and 216 CC: BAS-AM Course revisions in MGMT 300, MGMT 490, MGMT 440. GR: BUS 255 & 259. Enhanced BUS 101, 103, 159, 1666, 175, 202, and 258, and also MTX 100-140 SS: Enhanced MA & WABO

05/12/2017: BC: DIESL 130, 131, 132, 133, and 155; ELCON 113 and 216 CC: BAS-AM Course revisions MGMT 300, MGMT 490, MGMT 440. GR: New courses are BUS 255 & 259, online 6.2017. Enhanced courses BUS 101, 103, 159, 166, 175, 202, 258, and MTX 100-140

08/04/2017: BC: DIESL 130, 131, 132, 133, and 155; ELCON 113 and 216 GR: New courses BUS 255 & 259. Enhanced courses BUS 101, 103, 159, 166, 175, 202, 258, & MTX 100-140 SS: Updated Industrial Certification Week and WABO year 2 materials

10/30/2017: CC: Upgraded PPO program simulation environment. EC: Continue working with consortium to transition to enhanced WorkKeys exams GR: New and enhanced online business courses SS: Updating MA SMS coding

02/01/2018: Colleges are assembling these materials to upload to Skills Commons in coordination with PPM Associates.

04/30/2018: South Seattle College finalized COAP curriculum. Renton Technical colleges finalized new curriculum for drywall installation and repair and painting construction skills.

Deliverable ID: 5

Status: Complete

Deliverable Type: Deliverable

Project Goal: Deliverable 3.1

Narrative: No deliverable in the 1st quarter.

Expected Start: 10/01/2014

Expected End: 06/01/2015

Actual Start: 10/01/2014

Actual End: 04/01/2016

Notes: 02/12/2015: Meeting with key college leadership and personal have begun. Policies and procedures are in the process of being identified so that they may be updated.

05/14/2015: Process is ongoing. All colleges have received FERPA forms to implement in participant intake.

08/11/2015: ESD rules necessitated bring data management in house. This process is ongoing. Tracking procedures have been developed with colleges.

11/04/2015: P&P Manual for all colleges and consortium in process

02/05/2016: CC: P&P manual Draft 1 done GR: Completed SS: Completed

05/11/2016: Lead college has produced a P&P manual and provided it to sub-recipients to use as a template. Status of sub-recipient P&P manual will be checked during site visits on going at the time of this report.

08/11/2016: Lead college has produced a P&P manual and provided it to sub-recipients to use as a

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template. All colleges now have P&P manuals.

05/12/2017: Lead college has produced a P&P manual and provided it to sub-recipients to use as a template. All colleges now have P&P manuals.

08/04/2017: Lead college has produced a P&P manual and provided it to sub-recipients to use as a template. All colleges now have P&P manuals

Deliverable ID: 6

Status: Complete

Deliverable Type: Deliverable

Project Goal: Deliverable 3.2 - marketing

Narrative: Marketing includes media coverage, PR, social media, marketing materials and presentations.

Expected Start: 10/01/2014

Expected End: 08/31/2015

Actual Start: 10/01/2014

Actual End: 12/31/2017

Notes: 02/12/2015: Most of the marketing initiatives undertaken this quarter can be found at this URL: <http://cleanenergyexcellence.org/wise/wisemedia/>

05/13/2015: NCRC website and brochure developed and launched. Grant presented to Center of Excellence Directors and to Sen. Maria Cantwell.

08/10/2015: ECC: WISE URL add to CoEAAM URL & CSR URL added to BAT URL @ ECC.

Working w/ PIO @ ECC re: marketing plan CSR & 1/2 page flyer for CSR SSC: Program

brochures & materials being developed WWCC: Marketing material to students & employers

11/04/2015: EC: Materials for CSR & NCRC; process for WABO cert GR: Materials, URL &

newsletter SS: Materials for M-cam/S-works WW: Marketing, career & college fair

02/05/2016: Printed marketing materials: CC, GR, WW EC: CSR info session marketing on campus reader board, on EC website, EC Daily Digest to all campus e-mail

05/11/2016: CC: State wide Energy Program guide EC: CSR info on reader board, website, Daily

Digest; 2 industry partners present K-12 Student of Color conf on CSR GR: Presentation, flyers &

URL. Internship web site in process WW: Market materials, career fair

08/11/2016: CC: Exploring radio & social media EC: Marketing & outreach on campus &

community through WorkSource, etc. GR: Marketing plan, presentation, web site done; newsletter & job/ internships web site in process

11/08/2016: EC: Working with PIO on EvCC campus to develop other marketing tools, etc. for the CSR program WW: Marketing material being disseminated to students & employers

02/10/2017: EC: Outreach AARP & WF Snohomish to reach older, retired or dislocated workers

for the CSR program GR: Marketing plan develop. w/ faculty & navigator. Flyers & web sources updated, jobs website launched

05/12/2017: CC: PPO hydro video created & released, radio ads, Facebook. EC: Used AARP &

WFS to reach older, retired or dislocated workers GR: Created flyers, brochures, & web page for

targeted stakeholders, including veterans WW: Took part in Try A trade Event

08/04/2017: EC: Developed CSR video w/ student, employer testimonial; marketing tool for

Tulalip Tribes for CSR GR: New flyers, pocket card, banner, & videos featuring student successes
SS: Outreach at DSHS w/ Pacific Associates WW: radio spot on local station
10/30/2017: CC: New Facebook ads and webpage GR: Flyers, pocket card, banner, & videos featuring student successes SS: Marketing and outreach with AJAC, Pacific Associates and Neighborhood House WW: Local radio spots
02/01/2018: Web page for CNC machining redesigned at South Seattle College. No further program marketing material development anticipated at this phase of the WISE project.

Deliverable ID: 7

Status: Complete

Deliverable Type: Deliverable

Project Goal: Deliverable 3.3

Narrative: Not yet started.

Expected Start: 01/01/2015

Expected End: 12/31/2016

Actual Start: 06/01/2015

Actual End: 01/31/2017

Notes: 05/13/2015: This deliverable will be fulfilled by the lead Navigator. RFP for that contract has been developed but not yet posted. No deliverable for 2nd quarter.

11/04/2015: CC: Navigation coordinator contracted GR: Plan for tracking navigation. Benchmarks & criteria in progress SS: Developed hiring strategies & navigator process for new navigators

02/05/2016: CC: RETC working on this GR: An "individual service plan" has been developed for recording impacts of navigator services. Benchmarks and evaluative criteria in progress WW: The Navigator has created a Survey that is being given to grads

05/11/2016: RETC is overseeing Navigation. Navigation P&P manual complete, surveys being finalized.

08/11/2016: RETC is overseeing Navigation. Navigation P&P manual complete, student surveys being finalized.

11/08/2016: RETC is overseeing Navigation. Navigation P&P manual complete & updated regularly, student surveys finalized. Now in data collection mode.

02/10/2017: RETC is overseeing Navigation. Navigation P&P manual complete & updated regularly, student surveys finalized, regular navigation training meeting are held.

05/12/2017: RETC is overseeing Navigation. Navigation P&P manual complete & updated regularly, student surveys finalized

Deliverable ID: 8

Status: Complete

Deliverable Type: Deliverable

Project Goal: Deliverable 4.1

Narrative: No deliverable in 1st quarter of grant.

Expected Start: 10/01/2014

Expected End: 08/31/2015

Actual Start: 10/01/2014

Actual End: 11/01/2016

Notes: 02/12/2015: 11/03/2014 meeting held with SJI to begin outlining contract for evaluation.

05/13/2015: RFP for 3rd party evaluation has been posted. No deliverable in 2nd quarter.

08/10/2015: Initial evaluation plan turned over to DOL. Evaluation plans and systems being developed. WISE is being considered for national evaluation by ABT.

11/04/2015: Revised evaluation proposal submitted to DOL. Data process in development.

02/05/2016: Revised evaluation proposal submitted to DOL. Data process in development.

Working to apply DOL reporting criteria. Developing tools and metrics for local program evaluation. PII procedures in place

05/11/2016: Evaluation plan in place. Comparison cohort identified and access to data being investigated. Data collection systems with PII protections are being implemented.

05/12/2017: Evaluation plan in place. Comparison cohort identified and access to data confirmed. Data collection systems with PII protections are being implemented.

Deliverable ID: 9

Status: Complete

Deliverable Type: Deliverable

Project Goal: Deliverable 4.2

Narrative: Not yet started.

Expected Start: 06/01/2017

Expected End: 10/01/2017

Actual Start: 10/05/2015

Actual End: 01/12/2017

Notes: 05/13/2015: No deliverable for 2nd quarter.

02/05/2016: Dashboard prototype completed with first annual report data.

05/11/2016: Data sharing and analysis plan in place. Tableau software to make data public purchased.

08/11/2016: All data sharing contracts finalized. Data plans complete. Outcomes dashboard in process.

02/10/2017: All data sharing contracts finalized. Data plans complete. Outcomes dashboard in place.

F. Key Issues and Technical Assistance Needs

Title	Description
None to report this quarter.	No key issues or assistance needs to report for this quarter.

G. Best Practices, Promising New Strategies and Success Stories

Best Practices and Promising New Strategies

1 Dedicated Data Entry Staff

Data entry proved a more time consuming task than colleges envisioned. Colleges reacted by designating one person who specializes in data collection and input/updates. This helps alleviate errors precipitated by having multiple people conduct data entry. Solidifying staff assignments and funding for data collection, input, and data sharing earlier in the grant improves continuity in data quality throughout.

2 NIMS Certifications

The COE Advanced Manufacturing facilitated enhancement of curriculum at multiple colleges by training faculty to implement National Institute for Metalworking Skills (NIMS) certifications into programs. Employers encouraged colleges to use these nationally recognized industry certifications as incorporating them in programs of study built skills consistent with industry standards. Implementing colleges are sustaining NIMS post-WISE as program elements.

3 Credit for Navigation Effort

At multiple colleges technical faculty and navigators increased student engagement with navigation by embedding activities into scheduled instruction. Faculty supported the navigation process by making completion of navigator facilitated tasks, such a resumes, cover letters, and other retention and employment products program requirements impacting grades and credential completion. This increased the timeliness and student focus on the tasks and led to further student/navigator interactions.

4 IBEST

Embedding an Integrated Basic Skills Training (IBEST) instructor with technical faculty in programs of study successfully aided students with basic skills challenges and improved outcomes. For example, for in the IBEST supported electrical construction program participant raised pass rates on the International Brotherhood of Electrical Workers mathematics evaluation exceeded 90%. Most of programs enhanced with IBEST strategies will continue post-WISE.

5 Core Curricula

Walla Walla Community College addressed multiple energy sector related workforce needs by creating six specialized degree programs. This was efficiently accomplished by identifying a four

quarter core for all students. Upon completion of the core certificate, students then were able to specialize and obtain a related degree. This was particularly well received by employers as it reduced the amount specialized training required by new hires.

Success Stories

1 Veteran Student Success

Many of the veterans entering WISE programs had the goal of a short term certificate. In most cases however, navigation and intensive efforts to award credit for prior learning resulted in goal shifts resulting in persistence and multiple stacked certificates and/or Associate's degrees. This resulted in veterans entering the workforce in each of the WISE industry sectors as more qualified new hires with advancement potential.

2 Women's Empowerment Efforts

The Construction Center of Excellence annually sponsored an empowerment event for women in nontraditional occupations. WISE programs augmented these efforts locally. Networking connections and confidence built through these activities resulted in ongoing mentor relationships. This greatly benefited women seeking work in nontraditional occupations. Women completing such WISE programs found in-sector employment at similar rate as their male counterparts.

3 Centers of Excellence (COE)

Washington's Centers of Excellence partnered to lead the WISE grant. Experienced in managing federal grants, the COE directors/staff mobilized the project with two days notice of award until college and consortium staff were hired, which took several months. The COE's immediately drew from their respective industry/labor advisory boards to create the grant governance board. This highlights the value of the COE model to coordinate sector based workforce development.

4 Hydropower Curriculum

Centralia College created a hydropower course to meet the workforce needs in this energy field critical to the Pacific Northwest. WISE shared the curriculum on SkillsCommons. The Hydropower Foundation assessed the course and are in the process of incorporating it into a national initiative for "Ensuring the availability of adequately educated and trained personnel". The Hydropower Foundation is a national, organization dedicated to advancing hydropower contributions to US electricity supplies.

5 Lean Six Sigma

Lean Six Sigma certification emerged as a highly desired employability credential in multiple industry sectors. Employers were listing Lean Six Sigma certification as a required or desired qualification in job postings. In response, WISE initiated a certification training program targeting transitioning veterans. 140 participants enrolled; 138 obtained certification; and 71 being directly hired, 36 continuing higher education, and 7 re-enlisting in the military.

H. Additional Outcome Information

Colleges used navigation as a common strategy to address workforce system alignment gaps. Navigators assisted participants in accessing training programs, financial aid, supports from WOIA service providers, and transitioning them to employment. WISE navigators shared best practices and published a navigators handbook on SkillsCommons. WISE sought to validate the value of navigation. The third party evaluation found that multiple navigation touches increased participant employment outcomes. Colleges recorded program retention improvements of up to 35%. Student and faculty advocated for continued and expanded use of navigation. Multiple colleges are expanding navigation services post-grant.