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

Project Name:
Missouri STEM Workforce Innovation Networks (MoSTEMWINs)
Grant Number:
TC-26470-14-60-A-29
Award Year:
2014
Report Quarter Ending:
09/30/2018
Date of Submission:
Not submitted

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A. Annual Summary for Grant Activities

The final Q16 report activities consisted of the consortium colleges, host college-MCCKC, MCCA and the Third-Party Evaluator preparing, reviewing and finalizing reports for the grant closeout package. All the colleges completed their grant data collection on student performance outcomes reporting into ETO system in late August. Grant oversight mgt. staff analyzed final close out crosswalks of actual expenditures; uploaded grant deliverables/products to Skills Commons; published grant story videos along with MSW final story flipbook publication. The final wage data draw from state UI system was completed, and shared with the TPE for their final evaluation report. The TPE final implementation, outcomes and impact evaluation report was submitted to the federal closeout officer and the TAACCCT email account. Also all grant partners worked up to September 30th supporting the supplemental funded Data Integration Project reporting in the new statewide MoSCORES performance scorecard, noncredit student performance system. Please see the supplemental capbreaker report for greater details. Over all - the grant created 68 total new positions at the consortium colleges. There were 2,950 participants served in total, exceeding the grant target by 59%. Total grant program of study completers was 2,048, establishing a completion

rate of 69% and surpassed the grant target by 36%. Total grant completers employed by the grant end was 1,365 providing an employment rate of 67%. Grant completer student exit surveys supported 60% reported their MSW program exceeded or greatly exceeded their expectations. Further, 84% indicated they are confident their program provided them with the skills and knowledge necessary to be successful. Consortium-wide YTD outcomes are 2950 participants enrolled, 2048 earned an industry-recognized credential. 196 veterans, 57 TAA-eligible, 1092 unemployed, 1199 underemployed, and 443 low-skilled. 329 were referred from state workforce system. Including incumbent workers, 1365 participants were employed 1st Qrt after exit. 562 of those participants were unemployed at enrollment, and 204 of those unemployed participants retained employment through 3rd Qrt after exit. 374 incumbent workers earned a wage increase after enrollment. 358 enrolled in another education program after completion. 188 participants were awarded credit for prior learning to accelerate their completion goals. Comprehensive total of credentials awarded at grant end was 4309.

B. Status Update on Leveraged Resources

Provide an update on the organizations that contributed the resources:
Unlike previous MoWINs grants (MoHealthWINs and MoManufacturingWINs) the colleges were allowed to expend grant funds on allowable closeout activities through Q16. Final leveraged resources will be reported in the financial report by the host institution - MCCKC.

Provide an update on the ways in which the resources were used during the current quarter:
Most resources supported the additional Supplemental grant funded data project the consortium received for the statewide Data Integration projects and policies. This grant allowed activities up through Q16. Administrative college personnel such as IT Directors, ETPS staff, Inst. Research staff were all engaged with the new MoSCORES (wage crawler, performance scorecard and noncredit data) all in one data system.

Comments:
Other reported leveraged resources were travel, supplies, financial office support for payrolls and close out, office lease space, utilities, cleaning fees, copier leases, data fees, administrative meetings for what was accomplished and sustainability efforts.

During this quarter, did you receive any additional leveraged resources beyond what is listed in your statement of work?
No

C. Status Update on Employer(s) Involvement

Discuss how the required employer(s) has been involved during the current phase of the project.
Most all consortium colleges reported their employer partners remained engaged in Q16 continuing to support the programs of study that were sustained, and internships/apprenticeships. Many will remain engaged long after the grant ends. Some colleges convened Advisory Board meetings as well as individual sustainability meetings.

Outline specific roles and contributions of the employer(s) during this quarter.
MAC reported one employer supported tuition and associated fees for a former grant student to continue his education and complete his CPT credentials. NCMC reported one employer agreed to offer continued on-site CPT Mfg. Skills certificate courses at their facility. SCC reported employment placement continued with their employer partners. SFCC report employer engagement in Q16 Health Careers Fair and job placements. TRC held discussions how they can use program for a pool of incumbent workers.

Identify any challenges encountered/resolved in the development and management of the employer involvement.
CC is working with employers to develop an apprenticeship program. STLCC reported several Q16 employer engagement contributions that included continued curriculum vetting for sustained programs of study, interviews conducted for job placements, sustainability meetings, curriculum

development for various delivery models that are in planning stages in support of their Medical Assistant program, and various apprenticeship expansion opportunities.

Discuss new employers and commitments that may have been added to support the project.
CC- mtgs held with new employer partners supporting a "boot camp" training delivery model for their incumbent workers; and STLCC reported new partners Community Health Worker training program are the Maternal Child division within the Integrated Health Network (IHN) and the YMCA Community Health Program. As well as a new partner with the sustained Patient Care Technician training program is Ranken Jordan Pediatric Bridge Hospital.

Comments:
OTC reported they are establishing a new employer Advisory Board for the Physical Sciences Department where their grant supported CLT program is housed and will continue long after the grant ends.

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?
Yes

Did you acquire any additional employer partners during this quarter?
Yes

D. Timeline for Grant Activities and Deliverables

General Comments:
Grant milestones and deliverables completed as the grant closed in the final year 90 days. A total of 41 programs of study offerings within the 13 consortium colleges were offered in the grant. Some of these programs are duplicative.

How many programs are you planning to offer?
37

As of this quarter, how many programs have you launched to date?
37

Activity ID: 1
Status: Complete
Activity Type: Activity
Project Goal: Strategy 1
Narrative: Accelerate Entry Into Career Programs
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 10/15/2014
Actual End: 03/30/2018
Notes: 05/06/2016: Colleges reported entry processes are streamlined and implemented, retention efforts have been active with routine contact with all grant students; along w/ perf. case notes basic skills/dig. lit. assessments implemented. Grant staff trained.
08/09/2016: Colleges continue report entry processes are being enhanced to better streamline use of student's time and grant staff, retention efforts have been active with routine instrusive student contact, case notes support basic skills/dig lit. assessments.
11/23/2016: Colleges continue report - entry processes are enhanced to better streamline use of student's entry into career programs supported by grant. For some consortium colleges this activity is complete, others ongoing.
02/08/2017: Colleges continue to report - entry processes are enhanced as needed to better streamline use of student's entry into career programs supported by grant. For some consortium colleges this activity is complete, others ongoing.
05/12/2017: Colleges continue to report - entry processes are enhanced as needed to better streamline use of student's entry into career programs supported by grant. For some consortium colleges this activity is complete, others ongoing.
08/03/2017: Colleges continue to report - entry processes are enhanced as needed to better streamline use of student's entry into career programs supported by grant. For some consortium colleges this activity is complete, others ongoing.
11/07/2017: Entry processes are enhanced as needed, for some consortium colleges this activity is complete, others ongoing, and all are reviewing the sustainability of these grant pilots processes for continuation after grant ends in 2018.
02/09/2018: All colleges reported entry processes enhanced; a few colleges discontinued enrollment as grant begins to close; colleges reviewing for sustainability or scaling to other college departments; for many this activity is complete.
05/09/2018: All grant program offerings ended in Q14 no further enrollments into grant programs allowable. Grant milestones and deliverables met.

Activity ID: 2
Status: Complete
Activity Type: Activity
Project Goal: Strategy 1, Activity 1
Narrative: Align basic skills and digital literacy with occupational courses and programs

Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/05/2015
Actual End: 03/30/2018
Notes: 05/06/2016: Career pathways have been developed, vetted and implemented. Pathway guides and outreach materials have been developed and distributed to grant participants, employers, and partners. and in full use. Industry parternships in place competencies vetted
08/11/2016: Career pathways are continuously reviewed with faculty and employer input, updated as needed. Pathway guides and outreach materials have been developed/distributed to all. DOL Natl office in contact to use as national case model.
11/23/2016: Students are assessed using NCRC and others to align their basic skills and dig literacy into appropriate grant programs. Once college is piloting self-placement, programs have embedded basic skills, soft skills, and dig literacy within coursework.
02/08/2017: STCM - programs align using basic skills/dig lit bootcamp model, students take prior to program start. SCC - students must score 75% or better in Logic Test, 4 and 5 in NCRC assessments prior to program entry, remediation is offered if retest needed.
05/08/2017: JC reported students are testing out of the Micro.Dig.Lit. test which aligns with their CIS125. STCM reported diagnostics implemented, Computer Concept Bootcamp is in place and running smoothly. Other two colleges reported assessments in place.
08/03/2017: SCC-utilizes U Certify for initial readiness for industry credential exams; JC continues to use MS Dig.Lit. online module to prepare for CIS125 exam thus being awarded C4PL; and STCM Computer Concept Bootcamp is place and runs smooth.
11/07/2017: Ongoing -JCC-students cont. to test out of dig lit; SCC-TABE and NCRC test basic skills the supplmt where needed; STLCC-fully implemented Portal w/1to7 modules w/various assess. in Q6; STCM-bootcamp implemented.
02/09/2018: Ongoing till Q14 -JCC-students cont. to test out of dig lit; SCC-TABE and NCRC test basic skills the supplmt where needed; STLCC-fully implemented Portal w/1to7 modules w/various assess. in Q6; STCM-bootcamp implemented.
05/04/2018: Completed in Q14 -JCC-two new students added in Pr3ep Portal; SCC-no program offerings in Q14 completed in Q13; STLCC-fully implemented Portal w/1to7 modules w/various assess. in Q6; STCM-bootcamp implemented completed Q14. OTC and CC completed.

Activity ID: 3
Status: Complete
Activity Type: Activity
Project Goal: Strategy 1, Activity 2
Narrative: Accelerate program entry through a combination of contextualized courses and competency-based method
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/05/2015
Actual End: 03/30/2018

Notes: 05/06/2016: Career exploration materials developed (career blueprints), Career navigators hiring underway, best practices/lesson learned shared, recruitment/outreach to industry and WIB partners ongoing, work based learning opps identified and expanded.

08/09/2016: Navigators continue to be hired where needed, most are hired and engaged with participants. Colleges have implemented career exploration materials developed to their specific grant programs of study. These are vetted - industry and Workforce partners

11/23/2016: Navigators are in place, in two colleges technology assisted student advising is being piloted. Career exploration tools are updated along with MERIC real time LMI data career pathway tools disseminated to all for advising.

02/08/2017: MCC - supportive services processes were enhanced to meet student needs. MACC - development of a CBE model in CPT. JC - addl supports via tutors/blckbrd shells have been added. NCMC - Students now accelerate by using co-requisite course or bootcamps.

05/12/2017: Colleges continue to provide accelerated programs incorporating career navigators and competency-based methods where applicable.

08/03/2017: SFCC implementing Bridge Academy and tutoring to aid students; OTC - CLT program continues to us redesigned Dev Ed courses and self-placement; NCMC-UP program focuses on redesign dev. math; MCC-C4PL applied to Med.Asst. competencies; more to come.

11/07/2017: CC-1 year since navigator implemented; ECC-this Qrt tracking 80% selfpaced & 20% cohort based enrollment; JC-Qrt 3 new students added; MCC revised clinical syllabus; MACC-offer self paced math; Colleges continue to report on and evaluate. Ongoing.

02/09/2018: Implemented at colleges with a few colleges ending their programs this quarter. Colleges making plans to sustain accelerated programs some with navigators and some without due to grant ending and recent state budget cuts.

05/04/2018: All colleges reported completed. MERIC labor market updates on career pathways will be sustained and continue to refresh and distribute to all colleges. Milestone met and deliverable completed.

Activity ID: 4
Status: Complete
Activity Type: Activity
Project Goal: Strategy 1, Activity 3
Narrative: Accelerate developmental education experience incorporating competency-based instructional delivery
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/15/2015
Actual End: 03/30/2018
Notes: 08/09/2016: 2 of the 11 colleges report in development/discussion stage; 7 report developed and implemented for supporting students with intrusive student advising, some examples are: ECC-IT TestOut program; OTC-CLTMath1+ Hybrid & C4PL; STLCC-ALA Class.

11/23/2016: JC - Student/participants are monitored and tracked through college's Personal Resource & Education Plan (PREP) System. This provides Navigators & students the opportunity

to see comprehensive snapshots of student edu./career pathway in one system.

02/08/2017: MACC - computer assisted pre-aleg. allow students to work at self paced w goals of completing modules. SFCC - corequisites are provided in Math will help students take 2 math levels during same semester. MCC-CSIS supplm. instruct. still in progress

05/09/2017: 2 of the 11 colleges report in development/discussion stage; 7 report developed and implemented for supporting students with intrusive student advising, another examples is: NCMC's grant supported UP program.

08/03/2017: Most colleges reported developed and implemented within consortium; 1 college reported core grant set target for FA/17amd SP/18; and 1 college reported lost staff resource will replace soon to pick back up.

11/07/2017: OTC-86 students to date, actively advising 75+; SCC-blended learning faculty have context. curriculum vocab skills of logistics industry w HiSet Object.; STLCC-full implemt. Q6; STCM-new nav. hired in Q12. Ongoing.

02/09/2018: Colleges reported developed and implemented within consortium; with enrollment ending for some colleges they are analyzing their performance data for sustainability and/or scaling.

05/04/2018: All colleges reported milestones met and deliverables attained. Many are exploring sustainability beyond the grant.

Activity ID: 5
Status: Complete
Activity Type: Activity
Project Goal: Strategy 1, Activity 4
Narrative: Develop a STEM Readiness Portal for entering students. providing assessment, counseling, advising.
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/19/2015
Actual End: 03/30/2018
Notes: 08/09/2016: JC-PREP developed, implemented & staff trnd; MAC-Dig Lit developed and implemented in 1st yr, since addl time allowed for students to brush up; NCMC-College Success Class developed & launched, students monitored & advised; CC-implemented TT dig lit.

11/23/2016: Colleges reported staff trained on portal and students enrolled, monitored, and advised. While this is implemented fully, this is ongoing till program discontinues.

02/08/2017: Colleges reported staff cont. to be trained on portal and students enrolled, monitored, and advised. While this is implemented fully, this is ongoing till program discontinues. SFCC-navigators meet monthly to discuss enhancements for improvements.

05/09/2017: Colleges reported staff continue to be trained on portal services and modules, students continued to be enrolled, monitored, and advised. While the Portals are implemented fully, this is ongoing till grant program offerings end in Year 4, Q2.

08/03/2017: While the Portals are implemented fully, this is ongoing till grant program offerings end in Year 4, Q2. CC-students heavily exposed to dig lit utilizing simulators and electronic

transportation logs. JC-mtgs continue to scale PREP beyond grant POS.

11/07/2017: CC-trng simulators students heavily exposed to dig. lit. and use of electronic logs is required; JC-PREP trng of staff in Career Services in Q12; MAC-fully implmeneted; NCMC-Fully implemented however in Q12 Navig. on maternity leave services limited.

02/09/2018: Portals have been fully implemented and sustainability planning efforts are underway. Some programs have ended while others will be offering one or two cohorts in Q14 before closing grant.

05/04/2018: Colleges reported completed with milestones and deliverables met. Sustainability planning of these portables is underway.

Activity ID: 6

Status: Complete

Activity Type: Activity

Project Goal: Strategy 1, Activity 5

Narrative: Accelerate program completion through a combination of flexible delivery times and modalities

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 01/15/2015

Actual End: 03/30/2018

Notes: 08/09/2016: Condensed hybrid options offered; video subscrip. w/instruct. materials; simulators implemented; technology enabled learning opps implemented; w/various learning modules offered, more enhancements made w addl help options; BRUSH-UP wrkshps launched;

11/23/2016: This strategy is fully implemented with ongoing enhancements applied to increase the student success and completion. One hybrid program this quarter was modified to accommodate student needs. Staff re-evaluate the structure and delivery.

02/08/2017: Enhancements applied this Qrt at JC embedded tutoring before/after classes on materials presented. ECC-instructor developed study guides and offers hands on sessions. CC instructor meets with students on Mondays & has lunch with students

05/11/2017: Enhancements applied this Qtr were at ECC added the cohort model to incorporate face-to-face modality into the online the online environment, MCC is continuing to revise curriculum to include more online options,and JC uses targeted tutoring in HPTRL

08/03/2017: CC utilizes simulators for a variety of scenarios in compt.based ed.; JC-HPTRL lab used for targeted tutoring and labs; NCMC reported activities limited due to med.leave with staff-instructors are performing now; MAC foundational skills implemented.

11/07/2017: CC-fully implemented, if space allowed could use 1 more sim.; JC-fully implemented HPTRL continues to key resource for HOP students; MAC-fully implemented; NCMC-implemented and held as often as determined by need. Ongoing.

02/09/2018: This strategy is fully implemented with ongoing enhancements applied to increase the student success and completion. While some colleges programs have ended sustainability and/or scaling planning is underway.

05/04/2018: All colleges are reporting milestones and deliverables met. Many colleges through the

grant funding implemented simulation equipment, online technology enhancements, brushup workshops,academies and boot camps have all proven sustainable practices.

Activity ID: 7
Status: Complete
Activity Type: Activity
Project Goal: Strategy 1, Activity 6
Narrative: Improve online and technology- enabled learning options and hands-on labs
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/15/2015
Actual End: 03/30/2018
Notes: 08/11/2016: Simulators implemented; programs utilize technology enabled learning options; at ECC both ETC & HPTRL have built in accelerated program entry/completion; additional 30 min sessions have been added to aid students in test taking & study skills.
11/23/2016: OTC - Use of hybrid format maximizes online & technology-enabled learning for CLT students. ENG 101 and other Dev Ed courses have been refined to focus on industry standards and specific needs of CLT students.
02/08/2017: NCMC-utilize technology enabled learning options targeting dev ed Math that align with career oriented AAS degrees and certificates. STCM-Hands on labs are used and mobile and classes inside 2 Mo Career Centers are open. ECC-PC attends "exam crams"
05/09/2017: JC reported hybrid as well as hands on learning continues, ECC reported they became an official Certiport testing site for those students ready to take their certification exams, and STCM reported tech enabled is core of their program.
08/03/2017: CC-simulators and online videos implemented; ECC-approved Registered Certiport Testing Site; JC HPTRL implemented; NCMC techn.enabled options implemented; SFCC signed simulation agreement w employer partner; SCC CLT/CPT new online tech program impl.
11/07/2017: CC-fully implemented; JC-contin. to monitor and upgrade as needed, implemented; NCMC-both programs utlized tech-enabled learning options; SCC and STLCC-incorporated addl flipped classroom modules; STLCC-CBE model and Blackboard; ongoing.
02/09/2018: This strategy is fully implemented, a few colleges programs ended this quarter and sustainability and/or scaling planning us underway.
05/04/2018: Colleges reported milestones met and completed. Funding from the grant allowed colleges to enhance and add new technology tools to benefit and increase their students knowledge learning experience. Most all of these tools are being sustained.

Activity ID: 8
Status: Complete
Activity Type: Activity
Project Goal: Strategy 1, Activity 7
Narrative: Adapt career pathway portal to their programs

Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/15/2015
Actual End: 03/30/2018
Notes: 08/11/2016: Articulation agreements in place; Career Counseling occurs with each participant; Instrusive Advisors/Navigators trained and working with students; career pathway materials with refreshed LMI data is provided routinely to students.
11/23/2016: Most all agreements are in place, Career Coaches/Navigators trained in placed intrusive advising students. Refreshed LMI Career pathway LMI tools disseminated to all routinely.

02/08/2017: A few colleges reported new Coaches/navigators being trained in intrusive advising. STCM report a third Mo Career Center arrangement is being considered. Refreshed LMI Career pathway and LMI tools continue to be disseminated to all partners.
05/09/2017: ECC reported with cohort model intro in Q10 they see more face-to-face advising taking place, OTC reported the resignation of their intrusive advisor process to replace is underway. Remaining colleges reported progress continues.
08/03/2017: CC developed at request of Adv Board a resource guide for Transportation Ind.; JC utilization of ONet; most all use refreshed LMI industry and region specific desk aids or online reports furnished by grant state economic partner MERIC.
11/07/2017: CC, ECC, JC, MCC, MAC, MACC, NCMC, OTC, SCC, SFCC, STLCC-report fully implemented and completed; STCM-new Navigator hired and went thru training in Q12. Ongoing for all, monitoring and evaluation.
02/09/2018: This strategy is fully implemented, a few colleges programs ended this quarter and sustainability and/or scaling planning is underway. STCM-new navigator is fully trained and aiding students in the final cohort offerings.
05/04/2018: All colleges reported milestone and deliverables met. This strategy will be sustained and MERIC refreshed LMI Career Pathway publications and online reports will continued to be distributed to colleges and students.

Activity ID: 9
Status: Complete
Activity Type: Activity
Project Goal: Strategy 1, Activity 8
Narrative: Enhance advising to participants
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/15/2015
Actual End: 09/28/2018
Notes: 08/09/2016: Most all articulation agreements are in place; CC reports they are unable to articulate their Program of Study due to short career pathway in Truck Driving; NCMC reports same with MSSC CPT program-do ensure barriers are addressed for furthering educ.

11/28/2016: SLCC -partnered with State WIB to launch a CNA program for low-income individuals wanting to get started in healthcare career pathway. 11 participants enrolled in their Portal & CNA Progm. Career Pathway Coach advising, 82% are progressing well.

02/08/2017: OTC-Core grant team working to expand transferability of CLT Certificate. NCMC-Retent. Spec. works closely with students making sure any structural barriers are addressed in order to ensure students can enter/continue certificate/degree programs.

05/09/2017: Most articulation agreements are in place, SCC reported working with UCM for an agreement for the AAS Degree in Supply Chain Logistics and Mfg/Gen Industry degree as well as a welding agreement. MACC continues to discuss articulation & transfer.

08/03/2017: Most all articulation agreements are in place, MACC and NCMC reported navigators work closely with students and faculty directly; OTC 1 student completed and transferred to Uni of Ark.; SCC agreements are still in progress;

11/07/2017: MACC-efforts continue on advising, articulation and transfer; NCMC-unlikely any specific articulation/transfer agreement will be implemented, making sure structural barriers are addressed so students can continue certificate and degree programs.

02/09/2018: Completed and Met. As part of the close out site visits from grant mgt colleges are being advised to revisit their articulation agreements for sustaining for those programs that will be sustained. SCC continues to review UCM agreement.

05/04/2018: All colleges have reported milestone and deliverables met with the exception of SCC who is awaiting signatures from Univ. Central Missouri. Colleges manage their agreements annually.

10/25/2018: Completed and met. As part of the close out site visits conducted by grant mgt colleges were advised to revisit their articulation agreements for sustaining programs in demand. SCC did attain Univ. Central Mo signatures on their artic. agreement.

Activity ID: 10
Status: Complete
Activity Type: Activity
Project Goal: Strategy 1, Activity 9
Narrative: Assess early results of dev ed,contextualized support, intrusive advising and placement strategies
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 03/02/2015
Actual End: 09/28/2018
Notes: 08/09/2016: On going assessment is underway of program results, enhancements and prof dev provided as needed based on results; WIOA new ETPS has NOT been implemented; Grnt Mgt on State Planning Team, vetting draft ETPS policies currently-next steps developing.

11/23/2016: Grant programs of study are being uploaded for approval in new WIOA ETPS system, ETPS State policy is in 2nd draft and being vetted. On going assessment continues.

02/08/2017: Ongoing assessment continues of program results, enhancements and prof dev provided as needed based on results. NCMC having Baltimore Comm. College to bring 2

instructors in for training next Qrt. OTC-obtained Prof Dev via MCCA convention/leads mtg.
05/09/2017: NCMC reported 2 Baltimore Comm College instructors conducted on-campus training that will assist efforts to scale & sustain UP program; ECC, MACC, OTC, STLCC, and TRC reported programs have attained ETPS WIOA approval and are on the statewide list.
08/03/2017: State is making enhancements to WIOA ETPS online approval system - meetings have been held, all programs of study have been approved by state; MCC awaiting approval on Med Asst Title IV approval; NCMC has online coreq course developed ready for FA17.
11/07/2017: NEW WIOA State ETPS Policy distributed and trng sessions held in support; MCC-currently awaits State approval response; OTC State approval response received on redesigned courses; SCC-welding Progm on hold; others are approved and implemented.
02/09/2018: Colleges reported continuation of inputing their programs into the State Workforce WIOA ETPS system for annual approvals, all grant programs have attained state approval. Professional Development was delivered to all grant personnel in November.
05/04/2018: Colleges reported enhancement to ETPS system in Q14 helped, data will continue to be reviewed to ensure all programs are approved either in ETPS system or CBHE long after the grant. Milestones and deliverables are met.
08/10/2018: Colleges reported heaving focus on performance outcomes data validation and collection with students, employers, and social media. Final evaluation and assessment of their outcomes is underway as well to aid in developing their MoSTEMWINs grant story
10/25/2018: All data has been assessed, reported, validated and APR reports were corrected. Data was also shared with Third Party Evaluator in July in order for their final report to be completed by Sept 30, 2018. Completed.

Activity ID: 11
Status: Complete
Activity Type: Activity
Project Goal: Strategy 1, Activity 10
Narrative: Provide professional development and consulting across the consortium. Conduct evaluation activities
Expected Start: 10/01/2014
Expected End: 09/28/2018
Actual Start: 10/15/2014
Actual End: 09/28/2018
Notes: 08/11/2016: Launched consortium kickoff mtg; consortium 2 day orientation mtg held; prof dev provided in CBE models; employer engagement; SkillsCommons; supportive services-art of case notes; qrtly report out mtgs held; trng in grant data collection systems.
11/23/2016: Prof Dev provided in support of course crosswalk to national standards for C4PL career tech ed programs of study data base to some 65 college staff at August Retreat. A Navigator, Student Advisor, Career Coach retreat is being planned for 10th qrt.
02/08/2017: Prof Dev was provided at November at Annual MCCA convention to all consortium partners as noted in report summary. Third Party Eval continues sites visits. Grant Mgt staff began monitoring participants file site visits.

05/09/2017: STLCC featured their portal assessment tool, career blueprint at the January consortium meeting, accessing the tool which was made available to all. C4PL webinar series continued. Colleges made plans to attend the Skills Commons OCL event next Qtr.
08/03/2017: One day "How to crosswalk programs of study to natl standards" w/CAEL and ACE reps. for 50+ attendees consisting of faculty, registrars, grant leads and adjuncts; MAC PSS webinars on recruit, retent. of hard of hard to serve students w soft skills.
11/07/2017: Prof Dev offered in Q12-TAACCCT to Apprenticeships; Online C4PL Assessing; Portal Programs within various colleges with new Navigators; Employer Lessons Learned; How to Avoid Drive by Evaluation; Grant Planning/Tracking for Success; Using LMI Infor.
02/09/2018: Professional Development was provided by two other national TAACCCTee's from Harper College in support of Apprenticeship programs and Massachusetts C4PL online assessment data system as well as webinars, CBE conference, C4PL webinar by CAEL.
05/04/2018: Colleges reported prof dev received in new data reporting system enhancements not only for grant programs but how all programs will attain final approval in state systems, along with sustainability and preparing for grant closeout processes.
08/10/2018: At the Spring 2018 Quarterly grant consortium leads meeting closeout processes and data collection/evaluation were focused along with the new cap breaker MoSCOREs and WIOA ETPS data system training which is ongoing.
10/25/2018: Completed, final grant leads & advisors retreat was held in July where the new MoSCORES data system training along with sustaining programs of study. Other porf. dev. training provided supported scaling apprenticeships and final report storytelling.

Activity ID: 12
Status: Complete
Activity Type: Activity
Project Goal: Strategy 2
Narrative: Create Clear Pathways to STEM Careers
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/05/2015
Actual End: 09/28/2018
Notes: 08/09/2016: New Career Pathway outreach materials have been developed & distributed to all grant members, partners and students. DOL Natl office is in contact to use as case study model. Outreach materials are refreshed with updated LMI regional data.
11/28/2016: The Career Pathway LMI tools are refreshed routinely and disseminated to all, students, employers, college faculty and advisors and WIB partners in career centers.
02/09/2017: Each quarter MERIC state partner produces updated career pathway summary reports, this quarter the Information Technology Pathway report was updated and is scheduled to be released electronically next quarter to all partners.
05/09/2017: MERIC state partner produces updated career pathway summary reports, this quarter the Transportation & Manufacturing Regional Report and Health & Life Sciences Regional Reports were released electronically.

08/03/2017: The STEM Career Pathway Summary was released in April, along with LMI target industry briefs are refreshed routinely and disseminated to all, students, employers, college faculty and advisors and WIB partners in career centers.

11/07/2017: The IT STEM Career Pathway Summary was released in June, along with LMI target industry briefs are refreshed routinely and disseminated to all, students, employers, college faculty and advisors and WIB partners in career centers.

02/09/2018: The STEM Career Pathway Summary was refreshed and released in October, along with LMI target industry briefs and disseminated to all, students, employers, college faculty and advisors and WIB partners in career centers.

05/04/2018: The 2 industry STEM Career Pathway Summaries were refreshed and released in Q14, along with LMI target industry briefs and disseminated to all, students, employers, college faculty and advisors and WIB partners in career centers.

08/10/2018: Q15 4 industry career pathway summary reports were refreshed and distributed tothe colleges. Colleges are scaling this LMI data sharing to workforce training programs outside of the grant. Partnership with the state MERIC office will be sustained.

10/25/2018: Completed and sustained. Q16 3 real time industry career pathway summary reports were refreshed and distributed to the colleges (IT, Transp. Health Sci.) Colleges are scaling this LMI data sharing to workforce training programs outside of the grant.

Activity ID: 13

Status: Complete

Activity Type: Activity

Project Goal: Strategy 2, Activity 1

Narrative: Map education and career pathways and stackable credentials

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 01/05/2015

Actual End: 03/30/2018

Notes: 08/09/2016: Career ladders, pathways and outreach material have been created and distributed. Modified to include continuing education opps. Each shows how programs are incorporated in advanced degrees and new emerging occupations. Will continue to reevaluate.

11/23/2016: Colleges reported they continue to update career and educational mapping tools and create new outreach materials as needed. These materials are disseminated to High School students as well for recruiting purposes.

02/09/2017: JC and OTC reported outreach materials were updated (SP/17), including brochures, website and programs of study uploaded into ETPS for WIOA approval. MCC, SCC, STLCC, STCM, reported this strategy completed.

05/09/2017: Colleges reported they continue to update career and educational mapping tools and create new outreach materials as needed. STCM reported materials being distributed by location. MACC continues to advise students on stackable credentials.

08/03/2017: Ongoing Colleges continue to update career and educational mapping tools and create new outreach materials; JC revisited as a result of closing electronics tech certificate program,

students have been on teach out other redirected based on choices.

11/07/2017: Fully implemented at all colleges, colleges reported they continue to update career and educational mapping tools and create new outreach materials as needed. ECC-video production was completed in Q12; ongoing.

02/09/2018: Fully implemented at all colleges, colleges reported they continue to update career and educational mapping tools and create new outreach materials as needed.

05/04/2018: Colleges reported in preparation of programs ending in Q14, they continue to provide students with career materials. MERIC materials will be shared with participant students ongoing. Milestones and deliverables met.

Activity ID: 14

Status: Complete

Activity Type: Activity

Project Goal: Strategy 2, Activity 2

Narrative: Identify & validate courses, competencies, and credentials with business & industry

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 11/03/2014

Actual End: 09/28/2018

Notes: 08/09/2016: Consort Colleges immediately began meeting with industry employers to develop, vet, enhance programs, curriculum and delivery methods. Work continues, enhancements continue and new employers join efforts. Regular meetings continue to be held.

11/23/2016: Colleges reported advisory committees were held this quarter, some with new employer partners added, Spring programs were vetted with some in need of further modifications. Regular meetings continue to be held.

02/09/2017: Consortium colleges reported advisory meetings held to vet and validate curriculum in STEM related courses. Ongoing quarterly.

05/09/2017: ECC reported 2 employer partners are interested in hosting a cohort model at their business location for employees seeking the MOS certs. MACC reported continue work on developing addl' industry partners and update competencies as advised.

08/03/2017: Ongoing of new employer partners engaging; MACC reported internships were created with credit hour assignments employer determines paid or nonpaid; ECC both cohorts with employer partners did start this Qrtr; JC partners discuss specific soft skills.

11/07/2017: Ongoing of colleges advisory committees held and new employer partners engaging; OTC-industry reviewed CLT course prereq. in Q12; MACC-industry internships were created; CC-continues to seek addl industry input and feedback.

02/09/2018: Ongoing of colleges advisory committees held and new employer partners engaging; MAC-industry partnership developed new hybrid pharm tech program to prepare for natl exam; OTC and indstry parnters determined changes needed in curriculum and addressed

05/04/2018: Many colleges reported this strategy milestones and deliverables met but will continue long after the grant is closed for those programs employers desire to sustain.

08/10/2018: Colleges who reported this now sustained employer engagement partnership activity

were JC, MAC, OTC, SCC and STLCCC where during sustainability discussions curriculum enhancements are being addressed to meet employer needs. Ongoing.

10/25/2018: Completed and Sustained see employer section of this report. several consortium colleges reported NEW employers engaged in this final quarter to aid in sustaining grant supported programs of study to meet their workforce needs.

Activity ID: 15
Status: Complete
Activity Type: Activity
Project Goal: Strategy 2, Activity 3
Narrative: Articulate Credit for Prior Learning processes for target programs
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/05/2015
Actual End: 06/29/2018
Notes: 08/09/2016: Efforts began early in grant to identify each program competencies with C4PL opps with current college policies. Through some college portals with assessment tools, many students do not have to repeat program pre-requisites.

11/23/2016: Colleges have established policies in support, many are under review for modifications. Students transcripts are assessed to determine C4PL opportunities. A consortium report was issued this quarter of baseline survey where each college is.

02/09/2017: ECC grant staff attended the CAEL conference in Chicago in November, met with SME regarding existing college policies. MCC reported waiving college 100 and CSIS 110 based upon IT experience/knowledge, IT yet to be developed.

05/09/2017: ECC reported continued work with CIS chair regarding CPL within the program. MACC reported college taskforce mapped all college programs including CPT to multiple CPL methods utilizing the CPL map from grant vendor CAEL.

08/04/2017: SLCC C4PL is addressed in their ALA as well as artic. agreement with Launch Code and STLCC IS Dept; SFCC registrar working to insure CPL regulation is in line w/Mo Policy and creating a handbook for students; Progress and practices are in place.

11/07/2017: Ongoing within all colleges; MACC-completed crosswalk matrix for the ACE guide; STLCC-C4PL progress continues through ALA as well as articu. agreement between launchcode and college; STCM-addressing with new college leadership.

02/09/2018: Fully implemented and ongoing within all colleges; STCM-completed crosswalk matrix for the state inventory of two programs of study. Colleges will be scaling this to crosswalk other career tech ed programs into the inventory data base.

05/04/2018: Grant Mgt staff are discussing in closeout site visits best practices so to provide a comprehensive and well-informed approach for assessing and applying C4PL. The CAEL developed Sustainability Guide will aid in this.

08/10/2018: Close out site visits were completed in Q15 on all thirteen college campuses where C4PL SMEs were identified and discussions held in sustain the Mo Course Crosswalk Matrix. Milestone and deliverables met.

10/25/2018: While this strategy was completed in Q15, data has validated some 188 grant students were awarded credit for prior learning to accelerate their completion goals.

Activity ID: 16
Status: Complete
Activity Type: Activity
Project Goal: Strategy 2, Activity 4
Narrative: Design new and revised curricula
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 11/02/2015
Actual End: 03/30/2018
Notes: 08/09/2016: Program curricula has been designed, vetted and reviewed with employers input. Enhancement process will continue with employer industry partners input i.e. flexible course scheduling. Q7 seven colleges reported 10 programs reviewed and revised.
11/23/2016: Q8 MAC reported curriculum developed for new equipment received in July regarding CPT Mfg. Process & Equipment course. SLCC reported 2 programs were revised CHM & CNA.
02/09/2017: Q9 MCC reported Curriculum development is complete; monitoring and adjusting is occurring on an on-going basis as feedback from employer partners is received. NCMC CPT program was redesigned based on employer needs of incorporating CPL.
05/09/2017: Q10 MACC continues to review curriculum & delivery, NCMC redesigned CPT program such as flexible course scheduling, on site deliver, noncredit options and incorporation of CPL. Ongoing on an as needed basis for remaining colleges.
08/03/2017: CC reported since Q8 "Reflecting Professionalism in Trucking" continues; JC reported suspension due to changes in college program offerings; NCMC company requested another customized design program offering; SCC HLC apprvl on CLT/CPT credit POS.
11/08/2017: MAC-ToolingU released 2.0 version this Q12, focus was better graphics; MACC and OTC-grant team met in July to review and strengthen CPT lab modules; NCMC-CPT program was redesigned based on employer needs; SLCC-completed IMT curriculum/cohort1 began.
02/09/2018: All curriculum development and revisions completed. Some ongoing supports continued parternships ie OTC and SCC- had industry requests for new curriculum development to grant programs of study (no cost to grant).
05/04/2018: All colleges reported milestones and deliverables met.

Activity ID: 17
Status: Complete
Activity Type: Activity
Project Goal: Strategy 2, Activity 5
Narrative: Continue to design and revise and begin to pilot new curricula
Expected Start: 10/01/2014
Expected End: 09/30/2017

Actual Start: 04/13/2015
Actual End: 03/30/2018
Notes: 08/09/2016: It was during the Q3 colleges began reviewing with employers program designs after first initial cohorts were completed or nearing completion. Adjustments are made based on their needs such as on-site delivery, non credit options, and incorp. of CPL.
11/23/2016: Colleges continues to revise curricula to meet needs of industry and program. Participants are enrolled, and instructional design is revisions is on-going. With clinical programs, ongoing review done with clinical coordinators & advisory comm. mtgs.
02/09/2017: SCC-decreased course offerings in welding due to funding limitations. OTC-B Block of CLT125 began in Q9. NCMC-3 new employers referred 24 students for CPT to begin in Q10. MCC-ongoing. MACC-42 students in new designed CPT, evaluation underway Q10.
05/09/2017: MACC-continues to plan CPT offered as ITE with AEL program; SCC reported as the grant begins to end funding limitations will scale down programming and offering less sections of welding as with the CLT and CPT programs.
08/04/2017: Colleges continues to confer with industry and revise curricula to meet needs. JC reported the electronics program has been suspended due to loss of faculty; STLCC developed curricula - Ind Maint Tech program plans to roll out next quarter.
11/08/2017: Colleges continues to revise curricula to meet needs of industry and program as reported in previous strategy, STLCC did complete the development of their Mfg. IMT program and offered 1st cohort in Q12.
02/09/2018: All programs of study continue to be vetted by industry partners for redesign and enhancements to meet their needs. This practice is ongoing and will be sustained long after grant ends.
05/04/2018: All grant program offerings ended, colleges reported milestones and deliverables met. NCMC reported one more re-dsign was implemented and completed in Q14 based on employer needs.

Activity ID: 18
Status: Complete
Activity Type: Activity
Project Goal: Strategy 2, Activity 6
Narrative: Assess and offer credit for prior learning and competencies.
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 09/15/2015
Actual End: 06/29/2018
Notes: 08/09/2016: In fall, Q5 colleges began looking at utilization of institutional proficiency exams as prescribed in their CPL policies. This activity is beneficial when serving incumbent low skilled workers to accelerate their progress. Marketing options revisited
11/23/2016: A baseline survey of the consortium colleges was issued this quarter as to where each stand and gaps to be addressed. All colleges are working on enhancing their policies and practices.
02/09/2017: CAEL began their series of technical assistance webinars to the colleges in support of

each activity step in conducting a course crosswalk to the national standards. Addl webinars are planned for Q10 and a two day workshop is being planned for Q11.

05/09/2017: CAEL continued webinar tech assist series this Qtr. ECC reported there is a noncredit-to-credit bridge in place for CIS. MACC reported students benefited from their CPL mapping, they have articulated credit or earned credit from previous certs.

08/04/2017: CAEL and ACE representatives presented on full day of technical assistance to 50+ college registrars, grant leads, faculty, and admissions staff on crosswalking tech. ed. programs to military and other national standards. Prof Dev was received well.

11/08/2017: Colleges worked one on one with CAEL staff in producing their two career tech ed program crosswalks. Grnt Mgt staff held conference call with CAEL on project progress. Students are applying/recv C4PL and noted in data collection records. Ongoing.

02/09/2018: All colleges have submitted their completed 2 programs of study crosswalks for the statewide inventory as well as CAEL produced a "How to Crosswalk Course Competencies to Natl Standards" for future reference with new college staff.

05/04/2018: Grant management staff working on dissemination plan of completed credit for prior learning sustainability report and housing in a new repository for future reference and updating.

08/10/2018: During close out site visits each college identified their C4PL SME who is assigned to sustaining and maintaining their respective College Policy and course crosswalk to national standards matrix updates in repository. Milestone and deliverable met.

Activity ID: 19
Status: Complete
Activity Type: Activity
Project Goal: Strategy 2, Activity 7
Narrative: Establish transfer and articulation agreements.
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 07/15/2015
Actual End: 09/28/2018
Notes: 08/11/2016: Colleges began revisiting their transfer and reverse transfer options with partner institutions. STLCC reported several agreements in place and the Life Science Lab Assist still being aligned thru entire pathway. In Q7 two agreements strengthened.

11/23/2016: OTC reported CLT AAS designed as a terminal degree and never intended to articulate. CLT Certificate will currently transfer to MSU. Grant staff working with other four years institutions to establish transferability.

02/09/2017: MACC-working towards a 2+2 program with MU and Central Methodist for Mechatronics students who desire a management position. CC-Transportation credit doesn't transfer to other institution but could within CC towards Diesel tech program.

05/09/2017: ECC-transfers & articulations agreements are in place for credit CIS program; MACC continues to meet 2+2 collaboration; SCC-continue to have conversations with UCM hopeful by fall 2017 be in place.

08/04/2017: SCC Welding III program artic. agree. is on temp hold until they can provide equip. &

a syllabus; SFCC are in place; MACC continues to collaborate; ECC is seeking additional opportunity's once the redesigned CIS program is done.

11/08/2017: MACC-CMU is working with State on confirming courses to take and completion credits allowed prior to transfer; SCC-continues to work on welding art.agrmt.; most colleges reported agreements in place and ongoing reviews.

02/09/2018: Both MACC and SCC reported they continue to collaborate with UCM on their articulation agreements. These grant born parternships will be sustained with all colleges within Missouri long after the grant ends. This strategy is mostly implemented.

05/04/2018: Colleges reported articulation agreements are in place, with the exception of one at SCC waiting on UCM signature.

08/10/2018: All colleges have reported milestone and deliverables met with the exception of SCC who is awaiting signatures from Univ. Central Missouri. Colleges manage their agreements annually.

10/25/2018: All colleges reported milestone and deliverables met AND SCC did attain approval signatures from Univ. Central Missouri on their Supply Chain Logt. & Mfg. Tech AAS degree. Colleges will continue to manage their agreements annually.

Activity ID: 20
Status: Complete
Activity Type: Activity
Project Goal: Strategy 2, Activity 8
Narrative: Offer credit for prior learning,noncredit courses, OJT, military experience and other competencies
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 03/02/2015
Actual End: 03/30/2018
Notes: 08/09/2016: While this is a 3rd Year activity, will start in Q9. Colleges are working on the development of these offerings with the various programs of study.

11/23/2016: There is a state task force looking further into this and has requested MSW grant staff and colleges to participate. Inventory is currently underway.

02/09/2017: JC reported CPL being utilized Q9 with NSC1 students. MCC-continues to explore ways to honor seat time in the MA program while simultaneously offering CPL. NCMC finalized plans to offer CPT in new site with C4PL as part of the proposed delivery plan.

05/11/2017: CPL processes are in place and colleges assess students for these CPL credits when applicable. ACE representative is also planned to come in and train consortia colleges.

08/04/2017: ACE representative along with CAEL conducted full day prof. dev. workshop and was well received by 50+ college staff. CC shared some of the CDL program is applicable to their diesel mechanic program if student continues or desires a change.

11/08/2017: Colleges continue to make available C4PL opportunities according to their respective policies; students who receive C4PL are tracked in grant ETO data collection system, total since grant began is 188 students awarded C4PL.

02/09/2018: Colleges continue to make available to all students C4PL opportunities. CPL expanded through the grant crosswalk matrix and has transformed the way in which the colleges work through this process to support students to accelerate completion.

05/04/2018: Enrollments ended in Q14 for the grant, however, the C4PL opportunities are well established and in place at all 13 colleges and will be sustained long after the grant. Milestones and deliverables met.

Activity ID: 21
Status: Complete
Activity Type: Activity
Project Goal: Strategy 2, Activity 9
Narrative: Enroll participants in all new/revised programs.
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/19/2015
Actual End: 03/30/2018
Notes: 08/11/2016: While this is noted in the 3rd year of activities, some colleges have already enrolled 2nd, 3rd, and 4th cohorts in revised and new programs of study. This will continue till April 2018.

11/23/2016: Enrollment continues with this past quarter reporting some 300 new grant participants enrolled in programs of study.

02/09/2017: Enrollment continued into Q9 even with it being in the middle of an academic term since many MoSTEM programs are open enrollment with some 310 new enrollments in Q9 alone.

05/09/2017: Enrollment continued into Q10 even with it being in the middle of an academic term since many MoSTEM programs are open enrollment with some 201 new enrollments in Q10 alone.

08/04/2017: Enrollment continued into Q11 with summer program offerings and many MoSTEM programs are open enrollment with 265 new enrollments in Q11 alone. Our set total perf goal was 1853 and we have 2082 enrolled to date.

11/08/2017: The Q12 fall term enrollment was big with 602 new enrollments bringing the total enrollment thus far to 2684 surpassing the grant target goal of 1853. Consortium colleges will continue to offer programs up to March 2018.

02/09/2018: In Q13 grant enrollment slightly by 90 new enrollments bringing the total enrollments to 2774, the grant target goal was 1854. Colleges will continue to offer programs up to March 30, 2018.

05/07/2018: Final enrollment in Q14 for the short term courses was 190 new enrollments bringing the total comprehensive participants served in MoSTEMWINs to 2913. Programs are done as of 3.30.18 milestones met and completed.

Activity ID: 22
Status: Complete
Activity Type: Activity

Project Goal: Strategy 2, Activity 10
Narrative: Provide professional development and consulting across the consortium. Conduct outcomes evaluation
Expected Start: 10/01/2014
Expected End: 09/28/2018
Actual Start: 11/09/2015
Actual End: 09/28/2018
Notes: 08/09/2016: November 2015 Grant Mgt conducted site visits with all 13 colleges providing technical assistance, surveyed prof dev needs and measured implementation outcomes todate. Prof Dev areas identified Intrusive Advisory techniques, ETO system & recruitment
11/23/2016: Participant record site visits will be schedule for next quarter, currently a site visit tool is being developed and vetted with college members. A survey for professional development needs is also scheduled next quarter.
02/09/2017: Site visits were conducted on most consortium colleges with just four left in Q10 to complete. Professional Development survey needs are collected and will be evaluated in Q10 at the planned two da grant leads meeting.
05/09/2017: Remaining site visits were completed this Qtr. Profess. Development roundtables are being planned for next Qtr meetings as well as November Convention. Third Party Eval reported needs in Peer-to-Peer learning opportunities.
08/04/2017: Professional Development was provided to all consortium colleges in the April qrtly 3 day retreat with 1 full day on C4PL with an ACE & CAEL representative. Navigators as well received prof dev in how to serve at risk students and bring your A game.
11/08/2017: Colleges attended July retreat - prof. dev. provided in providing assistance to veteran students; SNAP students, new WIOA Eligible Training Provider State Policy; Performance Reporting, sustainability planning and TPE assessment/evaluation updates
02/09/2018: Colleges attended Novembe retreat - prof. dev. provided in Scaling Apprenticeship models, C4PL online assessments; Project Management Tools, Engaging with Employers, Compt Based Education,and close out site visits started in December with 5 colleges.
05/07/2018: In February, the Qrtly Grant leads meeting hosted by consortium member - MCCKC - prof dev. supported grant mgt close out, futures in workforce development performance reporting, and C4PL; many grant staff attended AACC WDI and OLC Innovate.
08/10/2018: At the Spring 2018 Quarterly grant consortium leads meeting closeout processes and data collection/evaluation were focused along with the new cap breaker MoSCOREs and WIOA ETPS data system training which is ongoing.
10/25/2018: In Q16 a final grant leads retreat was held where the final evaluation results were shared by TPE along with MoSCORES training, and scaling/sustaining to similar programs such as State Apprenticeships (MoRAP) and SkillUP (Snap E&T). Completed.

Activity ID: 23
Status: Complete
Activity Type: Activity
Project Goal: Strategy 3

Narrative: Improve Employment Attainment
Expected Start: 10/01/2014
Expected End: 09/29/2017
Actual Start: 01/05/2015
Actual End: 09/28/2018
Notes: 08/09/2016: Since Q2 Colleges work with employers and stakeholders in preparation of launching programs, recruitment, and defining partner roles. They meet with employers and expand employer partnerships for job placement and work learn opps. WIB MOUs are Done.
11/28/2016: Ongoing in Q8, some colleges reporting attaining internship opportunities with employment is challenging. Several colleges report the addition of new employer partners with their grant programs.
02/09/2017: Ongoing in Q9, as reported in the employer involvement section of this report-new and additional clinical sites and internship opps were produced for grant participants. This is one strategy that colleges continue to work on with employers.
05/09/2017: Ongoing in Q10, as reported in the employer involvement section of this report-new and additional clinical sites and internship opps were produced for grant participants. This is one strategy that colleges continue to work on with employers.
08/04/2017: Ongoing in Q11, as reported in the employer involvement section of this report-new employers engaged and additional clinical sites and internship opps were produced for grant participants. Colleges continue to work with their community employers.
11/08/2017: Ongoing in Q12, as reported in the employer involvement section of this report-new employers engaged and additional clinical sites and internship opps were produced for grant participants. Colleges continue to work with their community employers.
02/09/2018: At the November retreat held open discussion with all the grant leads to share employment attainment lessons learned - facebook stalking, emailing, employer validation, electronic surveys were all shared as best practices for employment attained.
05/07/2018: Ongoing - A hightened focus on documenting and reporting employment attainment this quarter - colleges shared their best practices "How To Report" at Feb. Qrtly mtg.. TPE continues to monitor data and offer assistance as well.
08/10/2018: Ongoing - A hightened focus on documenting and reporting employment attainment up till grant closes - TPE continues to monitor data and offer assistance as well. Navigators priority now to collect data and report.
10/25/2018: Completed - final employment data supports 2950 students served/enrolled, of these 1365 employed in Q1 after exit. 562 of those were unemployed at enrollment, and 204 of those attained employment through Q3 after exit.

Activity ID: 24
Status: Complete
Activity Type: Activity
Project Goal: Strategy 3, Activity 1
Narrative: Develop career exploration education for participants
Expected Start: 10/01/2014

Expected End: 09/01/2017
Actual Start: 03/02/2015
Actual End: 06/29/2018
Notes: 08/09/2016: Once programs were close to launch, career exploration tools started developing in Q3. Since many have been developed, implemented, circulated with participants, shared with partners, and Navigators hired serving student intrusive advising needs.
11/23/2016: Regularly scheduled Information sessions are being sustained via on-site events and presentations in collaboration with numerous organizations such as the WIBs career centers, high schools, Dept of Correct., Comm Based Organiz.
02/09/2017: Q9 collegs reported meetings with HR depts. of industry partners where they have collected grant student resumes and conducted interviews. Students are provided LMI regional reports with current employment vacancies, wages, and contact to apply with.
05/09/2017: ECC-faculty frequently emails students with various news articles and job opportunities IN IT industry, provides real world connection; MACC-faculty post openings on college LMS and discusses in class; NCMC-career counseling occurs with LMI data.
08/04/2017: Colleges continue to share the refreshed regional and statewide labor industry briefings prepared by MERIC using burning glass along with industry specific Missouri career pathway reports. Employer and WIB partners reach out to students as well.
11/08/2017: July retreat MERIC provided an overview of refreshed LMI data tools. Colleges continue to share refreshed regional/ statewide labor industry briefings prepared by MERIC using burning glass along with industry specific career pathway summary reports.
02/12/2018: At November retreat MERIC held a training session in support of how to use regional LMI data effectively. Health Care & Life Sciences and Adv Mfg. & Logistics and Info Techn. Career Pathways Summary reports were refreshed and distributed to all.
05/07/2018: In Q14 MERIC refreshed, published and distributed Career Pathway summary reports for the Information Technology Sector and Transportation Logistics, Advanced Manufacturing and Health & Life Sciences. Each grant participant recieved as navigators.
08/10/2018: In Q15 MERIC refreshed, published and distributed Career Pathway summary reports in four industry sectors, this partnership will be sustained after grant. Milestones and deliverables met, strategy sustained.

Activity ID: 25
Status: Complete
Activity Type: Activity
Project Goal: Strategy 3, Activity 2
Narrative: Career navigators collaborate with WIBs, working on-site when possible
Expected Start: 10/01/2014
Expected End: 09/01/2017
Actual Start: 02/02/2015
Actual End: 09/28/2018
Notes: 08/09/2016: Colleges began working on their grant MOUs with each of their WIBs in mid Q2 to define roles and locations for referrals and reverse referrals for recruitment efforts. Many

colleges have colocation arrangements with Navigators and WIB staff.

11/23/2016: MOUs are in place with the WIBS, routine meetings occur for grant program updates, while this deliverable is complete it is ongoing for improvement needs and data sharing since participants are co-enrolled in WIOA and grant.

02/09/2017: Colleges reported meetings in Q9 in support of MOU agreements and data sharing, co-enrollment validation, participant file documentation, colocation of college personnel and WIB personnel to better meet the needs of students/completers.

05/09/2017: ECC, MACC, NCMC, STCM, -routine mtgs with WIB & career center staff for referrals and NCRC testing; SCC navigator provides job search assist., testing services and works w/instructors to identify students in need of addl services.

08/04/2017: JC, MCC, MACC, MAC, NCMC, OTC, SCC, and SFCC all reported routine meetings with their WIBs, student referrals, case note updates and job placement data updates for both parties. All colleges have formal MOUs with their WIBs.

11/08/2017: CC, MACC, NCMC, OTC, STLCC and SFCC reported mtgs with their WIBs, student referrals, case note updates and job placement data updates for both parties. SCC-lost staff assigned 6.30.17; Grant Consort. Direc. gave update to State WIB in July mtg

02/12/2018: CC, JC, MACC, NCMC, OTC, SCC & SFCC reported mtgs with their WIBs, student referrals, case note updates and job placement data updates for both parties. SCC-lost staff assigned 6.30.17 these duties have been shared among the college workforce staff.

05/07/2018: CC, JC, MACC, NCMC, OTC, SCC & SFCC reported mtgs with their WIBs, student referrals, case note updates and job placement data updates for both parties. The focus will now be on job placement activities till 9.30.18.

08/10/2018: Student case note updates and job placement data updates for both parties - Colleges and WIBs. Evidence of this practices was shared at the close out site visits. The focus will now be on job placement activities till 9.30.18.

10/25/2018: Completed and a few colleges have reported their MOU agreements have already been renewed to sustain best partnership practices of service delivery roles long after the grant ends.
*BEST PRACTICE

Activity ID: 26
Status: Complete
Activity Type: Activity
Project Goal: Strategy 3, Activity 3
Narrative: Enhance working relationship with WIBs,employers,social agencies,industry consortia,planning counsel
Expected Start: 10/01/2014
Expected End: 09/01/2017
Actual Start: 03/02/2015
Actual End: 09/28/2018
Notes: 08/09/2016: Colleges and grant mgt work with State/regional WIBs collaborating on outreach events, presentations to CBOs, businesses, to market grant programs. Some co-branding is utilized on common participant events. Frequent contact & email exchanges continue

11/23/2016: Q8 ongoing with a few colleges reporting new grant staff onboarding and introductory meetings taking place. Consortia Leadership is partnering with State Workforce Director in project to increase apprenticeship opps for grant.

02/09/2017: Colleges reported ongoing career counseling occurs with each student through their navigators/career coaches/retention specialists. Some colleges share this with their WIB through MOU agreements. Meetings continue with state on apprenticeship opps.

05/12/2017: Colleges continue to collaborate with employers as well as state and regional WIBs to raise program awareness and increase performance. Presentation on apprentice opps scheduled for next quarterly grant leads meeting.

08/04/2017: A state apprenticeship update was scheduled for the July Qrtly meeting with all grant leads, SCC is at the end of their funding allotment and ceased program offerings their WIB engagement is minimized to follow up data collection on students employ.

11/08/2017: AAI grant update provided by state staff in July retreat to all colleges to support increasing MO apprenticeship opps; CC working with WIB to host a forum in Q13; Colleges continue to collaborate with employers and state/regl WIBs

02/12/2018: State WIB staff presented the fall grant leads retreat in Branson, colleges continue to collaborate with employers and state/regl WDBs. Specifically on apprenticeship and pre-apprenticeship opportunities.

05/07/2018: Colleges continue to collaborate with employers, Dept of Corrections, social agencies and state/regl WDBs. Specifically on apprenticeship and pre-apprenticeship opportunities, SkillUP and WIOA Youth programs.

10/25/2018: Completed and sustained, MOU partnership agreements renewed, new employers engaged, State Agencies are committed to the colleges. *BEST PRACTICE

Activity ID: 27
Status: Complete
Activity Type: Activity
Project Goal: Strategy 3, Activity 4
Narrative: Enhance career navigation services
Expected Start: 10/01/2014
Expected End: 09/01/2017
Actual Start: 05/04/2015
Actual End: 09/28/2018
Notes: 08/09/2016: While this is 3rd TAACCCT grant, continuous enhancement to career navigation services are routine thru meetings with WIBs and employer partners. New technology has served beneficial in enhancing services and documenting services rendered.

11/23/2016: Colleges reported career navigator's are collocating in career centers one day a week or semi monthly. Some of their services are embedded in their advising scope. STLCC 275 outreach activities have taken place todate.

02/09/2017: Ongoing, colleges reported navigators continues to meet with students who need support whether academic or career advising and direction. New workshops and fairs are expanded in the community with full MoSTEMWINs representation.

05/09/2017: Ongoing, colleges reported navigators continues to meet with students offering academic or career advising. New workshops and fairs are expanded in the community with full MoSTEMWINs representation at high schools, career centers, etc.

08/04/2017: Colleges were advised in April retreat job placement and follow-up activities need to be documented with data collected and reported in ETO. Grant Life Cycle was shared and navigators held a round table to share practices and tips in performing.

11/08/2017: Colleges reported navigators continues to meet with students who need support whether academic or career advising and direction. Focus on followup reporting with completer students is underway with navigator phone calls, elec. surveys, employer val.

02/12/2018: Colleges reported navigators continues to serve grant students whether academic or career advising. Focus on followup reporting with completer students with phone calls, electronic exit surveys, employer eval. for employment attainment on students.

08/10/2018: Colleges reported navigators continues to serve grant students with a main priority focus on followup data collection performance reporting with phone calls, electronic exit surveys, employer eval. for employment attainment on students.

10/25/2018: Completed colleges submitted final data validations and reporting activities on grant participants but will continue to report in the MoSCORES system permanently. MoSCORES funded by Rnd 4 TAACCCT Supplement funds - state noncredit perf. system/scrcd

Activity ID: 28
Status: Complete
Activity Type: Activity
Project Goal: Strategy 3, Activity 5
Narrative: Strengthen relationships with industry to increase hiring and retention
Expected Start: 10/01/2014
Expected End: 09/01/2017
Actual Start: 01/05/2015
Actual End: 09/28/2018
Notes: 08/09/2016: Colleges and grant mgt staff are serving on WIOA WIB Sector Strategies planning teams statewide. STEM is not an identified industry however many grant programs of study are. An increase each quarter occurs in internships/OJT/apprenticeships, etc.

11/23/2016: Some colleges are working on strengthening the industry with increased internship/apprenticeships opps - very challenging in certain regions. Hiring and employment retention outcomes are fair, but fully expected to increase in Year 3.

02/09/2017: Colleges continue to work on strengthening the industry partnership as reported in employer involvement section of this report. Hiring of grant completers is increasing as the third year produces more completers.

05/09/2017: Colleges continue work in strengthening industry partnerships as reported in employer involvement section of this report. Increases in job shadowing, internships and hiring of grant completers were reported in Q10.

08/04/2017: Colleges continue to strengthen their existing and create new employer relationships as noted within employer involvement section of this report. Many colleges noted creating

apprenticeship opportunities with their employers is now a critical topic.

11/08/2017: Colleges continue work in strengthening industry partnerships as reported in employer involvement section of this report. Increases in job shadowing, internships and hiring of grant completers were reported in Q12 and the APR for Year 3.

02/12/2018: Colleges continue work in strengthening industry partnerships as reported in employer involvement section of this report. NCMC- 2 industry partners interest in apprenticeships; OTC-internships processes in place; STCM-industry partners cont. growing

05/07/2018: Colleges continue work in strengthening industry partnerships as reported in employer involvement. MCCKC and SCC both reported meetings held, NCMC- 1 industry partners interest in apprenticeships; SFCC several industry partnerships held in Q14;

08/10/2018: Colleges continue work in strengthening industry partnerships as reported in employer involvement. Sees specific examples in the Employer section of this report. Ongoing.

10/25/2018: Completed, however, colleges continue work in strengthening industry partnerships as reported in employer involvement section. Sees specific examples in the Employer section of this report.

Activity ID: 29

Status: Complete

Activity Type: Activity

Project Goal: Strategy 3, Activity 6

Narrative: Scale up industry internships

Expected Start: 10/01/2014

Expected End: 09/01/2017

Actual Start: 03/02/2015

Actual End: 03/30/2018

Notes: 08/09/2016: Since Q3 colleges grnt mgt and key grant data staff have been working on systems for employment outcomes data collection that will identify promising practices and gaps regarding hiring. See capbreaker report for more details.

11/23/2016: Colleges are progressing with increased internships, clinicals and apprenticeships. There are regions in the state that present to be challenging. Many programs have internships aligned. As new employer partners onboard, opportunities are explored.

02/09/2017: In Q9 increasing industry internships continues to be challenging in some parts of the state and with some programs of study not possible. Still experience additional clinicals and internships in the healthcare and adv mfg industries.

05/09/2017: This Qtr increases were realized in internship opps, job shadowing and clinicals overall. Colleges are gaining student feedback on employment impacts and vise versa with employers who utilized grant students in work based opps.

08/04/2017: As the grant gets closer to closeout, some internships are completed while others reported expansion of internship and clinical opps were created this Qrtr; employer partners contact colleges for completers to fulfill their skilled wrkfrc needs.

11/08/2017: MACC-instrtr, navgtr & dean working w/employers on internships/apprent. opps.; NCMC-increased level of interest w/employers in apprent.; OTC-adv.comm. reaffirmed their

intern./job placement committment; STLCC-enhanced intern/service learning opps.;
02/12/2018: As grant gets closer to closeout, some internships are completed while others reported expansion of internships, apprenticeships and clinical opps were created this Qrtr; 3 colleges reporting expansion with industry partnerships in apprenticeships.
05/07/2018: Internships ended in Q14, however, many industry partners are still engaged in expanding apprenticeships with the consortium colleges. This will sustain long after the grant closes. Milestones and deliverables met.

Activity ID: 30
Status: Complete
Activity Type: Activity
Project Goal: Strategy 3, Activity 7
Narrative: Assess employer satisfaction with internship programs; modify as necessary
Expected Start: 10/01/2014
Expected End: 09/01/2017
Actual Start: 01/14/2015
Actual End: 09/28/2018
Notes: 08/09/2016: The collection of all employer contact information is underway. A mass employer survey will be conducted in Q9 with 3rd year results being reported and acted upon.
11/23/2016: Employer survey developed and finalized this quarter and will be issued Q9 results being reported and acted upon in Q10 and forward. College conduct their own employer evaluations and modify programs and services based on this continuous feedback.
02/09/2017: Key questions/topics for the employer feedback survey were discussed during recent employer interviews conducted as part of the 13 TPE mid-point site visits. Based upon employer comments, questions and topics were revised for the survey in Q10.
05/09/2017: Third Party Evaluator reported finalized employer engagement/satisfaction survey, disseminated to the college leads and will advise as to the most appropriate time and sample for survey distribution. OTC-reported ongoing progress w Adv Committee.
08/04/2017: MCC reported they receive weekly employer feedback and in Q11 42 students entered into internships; MACC internships supervisors submit evaluations; MAC noted mgf. employers expressed satisfaction and interest in summer internships now being planned.
11/08/2017: SFCC-provided weekly to clinical coord.; CC, MACC and STLCC continues close feedback w/employers; NCMC-ongoing assessment of employer feedback; MCC-feedback provided at Innov. mtgs.; JC-emailed TPE surveys in Q12;
02/12/2018: As grant gets closer to closeout, colleges reporting working more so with their employer partners now to gain data on satisfaction of programs, students hired, and sustainability of programs. Employer surveys were sent out by all colleges in Q13.
05/07/2018: Employer surveys are under evaluation with the Third Party Evaluator. Conversations are now redirected to scaling and sustaining these grant supported programs in Q14. Assessment is in place at the colleges and is ongoing.
08/10/2018: Employer surveys remain under evaluation with the Third Party Evaluator. Conversations are now redirected to scaling and sustaining grant supported programs as reported in

employer section of this report. Ongoing.

10/25/2018: Completed, colleges engaged with over 60 employers, TPE final report supports overall satisfaction at 36%, more than satisfied 29%, very satisfied 30% and less than satisfied 5%. Many grant employer activities will be sustained. *BEST PRACTICE.

Activity ID: 31

Status: Complete

Activity Type: Activity

Project Goal: Strategy 3, Activity 8

Narrative: Evaluate outcomes:B.8,B.9 and B.10

Expected Start: 10/01/2014

Expected End: 09/01/2017

Actual Start: 01/28/2015

Actual End: 09/28/2018

Notes: 08/09/2016: Colleges and grant mgt staff are now receiving some data reports on Participants employed, retained and wage increases for incumbent workers. Further develop is necessary prior to colleges analyzing this data for improvement processes take place.

11/23/2016: The 2 yr APR data report supported the first employment outcomes with the participant completers as of September 30, 2016. Validated with State UI wage data 74 participants employed after program completion. 30 received a wage increase.

02/09/2017: Q9 Grant Leadership spent a tremendous amount of time researching and negotiating a new proposed amendment to the current MOU with the State agency for wage data sharing requiring cyber security liability insurance. Q10 hopes to bring resolve to this

05/09/2017: In Q10 grant mgt office received DOL, MCC host institution and MCCA Presidents/Chancellors council approval to proceed with Cyber Liability Insurance and approved MOU amendment with MoDOL in order to continue to receive state UI wage data.

08/04/2017: Wage data agreement modification was finalized and participant along with comparison cohort student data records were submitted to the state UI office. Upon return receipt these data reports will be shared with Third Party Evaluator early in Q12.

11/08/2017: In Q12 wage data from State was recvd and shared with TPE for evaluation, feedback and recommendations are expected in Q13. Colleges have a focus on student followup services and employment validation heavily as we approach Yr 4.

02/12/2018: At November fall retreat in Branson, sessions supported of APR performance outcomes and comprehensive data with a focus on various documents and best practices in increasing employment attainment outcomes. Dec. site visits provided more tech assist..

05/07/2018: Q14 grant qrtly meeting again focused on best practices in documenting and reporting employment attainment as well as continued five additional site-visits where technical guidance was provided. In Q15 a data reporting training is scheduled.

08/10/2018: Q15 grant qrtly meeting focused on best practices in documenting and reporting employment attainment as well as completed the last five close out site-visits where technical guidance was provided.

10/25/2018: Completed and the APRs for Years 1, 2, and 3 were opened and corrected with

validated data. TPE final report also supports evaluation efforts and data performance outcomes.

Deliverable ID: 1
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 1, Deliverable 1
Narrative: Diagnostics implemented.
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/19/2015
Actual End: 03/30/2018
Notes: 08/09/2016: In Q2 2 of the 4 colleges had diagnostics implemented for first cohort enrollments. Since all four have diagnostics implemented and continue to evaluate and enhance when necessary-delivery mode, assistance with proctoring, etc. Continues monitoring.
11/23/2016: Monitoring and evaluation continues with this deliverable.
02/09/2017: Monitoring and evaluation continues with this deliverable.
05/12/2017: The monitoring and evaluation related to the deliverable continues.
11/08/2017: Diagnostics are implemented and continuous monitoring and evaluation are ongoing. Colleges adjust as needed, most recently since Compass has retired from industry. Ongoing since new enrollments will be taken up to March 2018.
02/12/2018: Diagnostics implemented and continuous monitoring and evaluation are ongoing. Colleges adjust as needed. Ongoing since new enrollments will be taken up to March 2018.
05/07/2018: Program course offerings and enrollments ended 3.30.18, milestones and deliverables met.

Deliverable ID: 2
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 1, Deliverable 2
Narrative: Redesigned developmental courses.
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/19/2015
Actual End: 03/30/2018
Notes: 08/12/2016: In Q2 2 of 4 Colleges implemented first pilot, since all have implemented. Note not all are in same format, it varies college to college. Formal portal programs ie StLCC Portal programs of dev ed to informal instrusive student advising JC tech tools
11/28/2016: SCC implemented 6 week Java workshop taught by an industry professional to help students develop skills and knowledge needed for testing that would result in an industry recognized credential. All students increased test readiness knowledge by 50%.
02/09/2017: NCMC UP program focuses primarily on redesign of dev ed math courses, continues to be monitored/evaluated to accelerate program entry. JC-no success passing ORACLE exam even improved scores in pre to post test. SFCC-retention rate increases confirmed

05/09/2017: SFCC-100% State RN licensure rate this Qtr.; ECC-discussing HiSET offering next; MCC-addl study skills including testp-prep were added to curriculum; MACC-proposed new integrated ed and trng program, this would be concurrent enrollment in HiSET.

08/04/2017: ECC continued discussions with their AEL partner in support of dual enrollment and dev ed; MACC note students enroll in corequisite models to complete remedial math in same semester as tech. programs; NCMC notes UP program is implemented fully.

11/08/2017: Colleges are reporting fully implemented and continuous evaluation and adjusting when necessary. Note no two colleges have implemented same format. Colleges are now watch closely their student data for trends & best practices. Ongoing.

02/12/2018: Colleges have reported fully implemented and continuous evaluation and adjusting when necessary. Note no two colleges have implemented same format. Colleges are now watch closely their student data for trends & best practices. Ongoing.

05/07/2018: Program offerings ended 3.30.18, milestones and deliverables met.

Deliverable ID: 3

Status: Complete

Deliverable Type: Deliverable

Project Goal: Strategy 1, Deliverable 3

Narrative: Targets set for increasing entry into college-level courses.

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 01/19/2015

Actual End: 03/30/2018

Notes: 08/09/2016: Q2 targets established for most colleges, portals developed, intrusive advising where as most all students are assessed, results prescribe various measures in place ranging from suppl learning material, advising/tutoring, one-one instruction.

11/23/2016: JC reported additional supports via tutors and blackboard shells have been created to provide additional services to incoming students. Other colleges reported implemented with monitoring and evaluation ongoing.

02/09/2017: ECC reported new Project Coord. evaluated all existing processes and offered suggestions for improvement, including ways to identify/address student barriers. Colleges continue to evaluate and modify practices as needed.

05/09/2017: MCC-implemented self-paced instructional tool-TEST OUT; purchased new CISCO test prep book as a class set, continue CSIS supplemental instruction, and overhauled test prep software; MACC utilizes their AEL program for students in need.

08/04/2017: Colleges reported navigators enrolled new participants and provided further advising and programs for those in need of remediation or dev. ed. either through a formal portal or one on one. Consortium wide target is met and will be exceeded.

11/08/2017: Colleges reported navigators enrolled new participants and provided further advising for those in need of remediation or dev. ed. either through a formal portal or one on one. Consortium wide target is met and will be exceeded.

05/07/2018: Consortium target was exceeded, enrollments ended in Q14, milestones and

deliverables met.

Deliverable ID: 4
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 1, Deliverable 4
Narrative: Members trained on portal delivery models.
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/05/2015
Actual End: 03/30/2018
Notes: 08/09/2016: Q2 colleges hired grant staff began training on portal delivery models whether it be formal classroom based orientations to formalized intake and assessment processes delivered to all participants before enrollment. Continues evaluation of processes
11/23/2016: Deliverable implemented ongoing and evaluation continues.
02/09/2017: Deliverable implemented ongoing and evaluation continues.
05/10/2017: Deliverable implemented ongoing and evaluation continues. Colleges that are not directly engaged with this deliverable are working with their AEL programs or one on one remediation programs to address.
08/04/2017: Deliverable implemented early on in grant life cycle, now approaching the end some are experiencing a loss of grant staff due to uncertainty of continuation funding after the grant. State recently issued a 9% budget cut to all higher ed colleges.
02/12/2018: Deliverable implemented ongoing and evaluation continues. Some colleges continue to experience loss of navigators due to uncertainty of continuation funding after grant. Other college grant staff are taking on these extra duties.

Deliverable ID: 5
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 1, Deliverable 5
Narrative: Enhanced programs and courses that combine learning modalities.
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/19/2015
Actual End: 03/30/2018
Notes: 08/12/2016: Implemented across colleges, continues to be evaluated for improvements. Examples: ECC online, self-paced, student has 24 hour access with addl faculty led exam crams and google hangouts. STLC also utilizes self-paced structure w/technology resources
11/23/2016: JC reported additional tutoring and blackboard shells have been created to enhance learning in Q8. SCC reported completed. STLCC reported 94 enrolled with 55 successful completions. Ongoing.

02/10/2017: ECC produced a Competency-Based Education Discovery Document sharing their accreditation story, document is being formalized and shared. Effective study guides and hands on sessions help students better understand what they learn.

05/10/2017: JC-targeted tutoring continues through the HPTRlab; ECC-In Q10 added the cohort model to incorporate face-to-face modality into the online environment; MCC-revising curriculum with more online options; STCM-multiple offerings in varied locations.

08/04/2017: Implemented across colleges, continues to be evaluated and improvements are made where needed. Ongoing till March 30, 2018.

11/08/2017: Implemented across colleges, continues to be evaluated and improvements are made where needed. Ongoing till March 30, 2018.

02/12/2018: Implemented across colleges, continues to be evaluated and improvements are made where needed. Ongoing till March 30, 2018.

05/07/2018: Strategy milestones and deliverables met.

Deliverable ID: 6

Status: Complete

Deliverable Type: Deliverable

Project Goal: Strategy 1, Deliverable 6

Narrative: Target developmental courses with occupational courses and supporting accelerated entry/com

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 01/19/2015

Actual End: 03/30/2018

Notes: 08/12/2016: Q2 STLCC launched Portal, Adult Learning Academy allowed students to accelerate entry into credit workforce training programs by completing Dev Ed requirements in as little as a few weeks. Contextualized content is utilized. ECC uses TestOut program.

11/23/2016: STLCC The ALA is contextualized for STEM fields targeted by STLCC's MoSTEMWINs grant. While students are improving their math or literacy skills, they are exposed to introductory concepts about their chosen field of study. Ongoing

02/10/2017: Ongoing, colleges have developed and have in place tools to aid students identified with dev ed needs. All four colleges monitor and evaluate based on student needs case by case. Some early conversations around replacement assessments and delivery.

05/10/2017: STCM-tech. enabled learning is the core of their Computer Concepts POS; JC-hybrid options, as well as hands-on learning continues; STLCC, and SCC-nothing to report this Qtr.NCMC-both programs utilized tech enabled learning options.

08/04/2017: Ongoing evaluation and improvements made where needed, but all colleges reported implemented.

11/08/2017: Deliverable fully implemented and ongoing evaluation for improvements are made where needed, ongoing thru March 2018.

05/07/2018: All grant Programs of study ended 3.30.18 - milestones and deliverables met.

Deliverable ID: 7
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 1, Deliverable 7
Narrative: Advisors trained and in place
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/05/2015
Actual End: 03/30/2018
Notes: 08/12/2016: In Q2 advisors began to be hired by colleges. Since all are in place and have attained training and technical assistance in qrtly mtgs, MCCA convention sessions, one on one site visits, webinars, consortium polices and guidance issuances.
11/23/2016: Completed. This Qrt, a statewide meeting with all advisors has been requested for best practices and lessons learned to be shared along with additional professional development around DOL monitoring issues of concern. A meeting is being planned.
02/10/2017: Completed and in Qtr9 surveyed for items of professional development needs for all grant advisors half day mtg in January 2017. Survey resulted with proper case notes, documentation, retention, recruitment, and performance results.
05/10/2017: Quarterly professional development continues with retention specialist, advisors, career coaches and navigators. Grant life cycle, art of case notes, eligibility/documentation guidance and performance outcomes (using the right data).
08/04/2017: April Q11 professional development was C4PL in crosswalking career tech ed programs to national standards by CAEL and ACE representatives. Grant life cycle with a focus to job placement and retention efforts documentation and ETO data collection.
11/08/2017: Qrtly professional development continues either at Qrtly Grant mtgs or other events as well as some colleges have reported further scaling other college nongrant staff i.e. JC, where Career Services staff recvd training in PREP Training. Ongoing.
02/12/2018: Qrtly prof.dev. at November fall retreat in Branson provided many breakout sessions and colleges attended the ACT Workforce Summit where TAACCCT grants were featured. Harper College and MA GPSTEM grantees both featured at fall retreat.
05/07/2018: Grant academic advising of students ended 3.30.18, articulation agreements all in place, milestones and deliverables met.

Deliverable ID: 8
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 1, Deliverable 8
Narrative: Articulation and transfer agreements in place
Expected Start: 10/01/2014
Expected End: 09/29/2017
Actual Start: 03/02/2016

Recipient: The Junior College District Of Metropolitan Kansas City, Mo
Grant Number: TC-26470-14-60-A-29
Quarter Ending: 09/30/2018

Actual End: 09/28/2018

Notes: 08/12/2016: Many articulations are in place, some remain in dev. phase. Career Coaches advise students about their career pathways beyond MoSTEMWINs programs including awareness of articulation transfer opps in their field of study. Continues to be evaluated.

11/28/2016: No new reporting from colleges, deliverable is implemented and continues to be evaluated.

02/10/2017: Most Agreements in place and evaluated/modified upon needs as they arise. OTC noted core grant team is working to expand transferability of CLT certificate. NCMC notes its unlikely for specific articulation/transfer agreements to be developed.

05/10/2017: Most all agreements in place. SCC-working with UCM on agreement for AA degrees in supply chain logistics and Mfg/Gen Industry degree & Welding degrees; OTC-delayed till grant replacement staff on boards in Q11; and MACC-discussions continue.

08/04/2017: Most all agreements in place. SCC-working with UCM on agreement for AA degrees in supply chain logistics and Mfg/Gen Industry degree & Welding degrees; OTC noted one successful transfer to Univ of Arkansas.

11/08/2017: Ongoing, most all agreements have been fully implemented. SCC-continues working with UCM on agreement for AA degrees in supply chain logistics and Mfg/Gen Industry degree & Welding degrees.

02/12/2018: Ongoing, most all agreements have been fully implemented. SCC-continues working with UCM where 4 options for transfer and artic. for credit in Supply Chain Logistics & Mfg AAS degree program. Welding program remains on hold.

05/07/2018: Only one articulation agreement is outstanding awaiting on partner signatures. Remaining agreements have been in place.

08/10/2018: All colleges have reported milestone and deliverables met with the exception of SCC who is awaiting signatures from Univ. Central Missouri. Colleges manage their agreements annually.

10/25/2018: All colleges reported milestone and deliverables met AND SCC did attain approval signatures from Univ. Central Missouri on their Supply Chain Logt. & Mfg. Tech AAS degree. Colleges will continue to manage their agreements annually.

Deliverable ID: 9
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 1, Deliverable 9
Narrative: State approval of redesigned/new courses and degrees ensure they are WIA and/or Pell-eligible
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 11/02/2015
Actual End: 06/29/2018
Notes: 08/09/2016: Most programs attained State approval under WIA and now await new approval once WIOA ETPS State policy is adopted. Grnt Mgt serves on Policy Planning Team

providing input into performance and data collection.

11/23/2016: New State ETPS system in place colleges are uploading programs of study for WIOA approval. The 2nd DRAFT state policy is being vetted for feedback. Ongoing.

02/10/2017: All colleges remain to training in new State Workforce WIOA ETPS system and are uploading all grant programs to attain WIOA ETPS approval. Credit programs are approved by CBHE. Copies of all approvals maintained in MoSTEM MCCA Grant Mgt office.

05/10/2017: The colleges continue to upload all of their grant programs into the NEW State WIOA ETPS system and attain approval course by course. Copies of approvals once attained are submitted to grant management office and added to their respective binders.

08/04/2017: Implemented and ongoing. All but two programs have attained state approval and/or WIOA ETPS approval. Copies of approvals once attained are submitted to grant management office and added to their respective binders.

11/08/2017: Implemented/Ongoing. All but one program (MCC) have attained state approval and/or WIOA ETPS approval. In Q12 colleges were asked by State to review their inventory of program approvals. Correction: Q11 SCC did attain State approval for both CPT&CLT.

02/12/2018: Implemented/Ongoing. Colleges continue to review their inventory of program approvals. Colleges are working in new ETPS system in uploading their programs for annual approval process for WIOA - all grant students are co-enrolled.

05/07/2018: With program offerings end on 3.30.18, all grant programs of study attained state approval. Four close out site visits remain to collect documentation.

Deliverable ID: 10

Status: Complete

Deliverable Type: Deliverable

Project Goal: Strategy 1, Deliverable 10

Narrative: Scaling plan for contextualized accelerated dev ed courses to career pathways

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 05/01/2017

Actual End: 09/28/2018

Notes: 08/11/2016: This is a 3rd year deliverable, no report at this time

11/23/2016: No new activity to report this quarter.

02/10/2017: Grant management staff began discussions this qrtr with DOL national office around participating in TAACCCT Sustainability Virtual Institute. Grant Mgt Director planning to attend AACC WDI conference next qrtr. to learn more and attend grant mtg.

05/10/2017: Grant mgt discussed the TAACCCT Sustainability Virtual Institute with consortium grant leads and conclusion was to save time & resources on working our plans vs attending meetings. Many individual plans are reported underway at colleges.

08/04/2017: Colleges have been meeting on sustainability for grant successes and more so due to the recently announced 9% budget cuts the state is imposing upon them. Early retirement incentives were announced to aid the budget's shortfalls.

11/08/2017: College grant leads are engaging their leadership in sustainability planning with their

programs in light of recent budget cuts. Colleges were trained on the grant ROI Calculator to aid their program sustainability planning efforts. Ongoing.

02/12/2018: College grant leads are engaging their leadership in sustainability planning with their programs in light of recently announced potential for more budget cuts going into next fiscal year. All colleges are working on math edu./pathways restructuring.

05/08/2018: Some colleges leaders and grant leads continue sustainability discussions where applicable. NCMC - UP math program is now aligned with new statewide math career pathway model. Others reported milestone and deliverable met.

08/10/2018: With new budget year starting July 1st, sustainability discussions where applicable are underway with college leadership and employers. A few colleges reported milestone and deliverable met.

10/25/2018: Completed, many colleges reported the contextualized and embedded along with accelerated hybrid dev ed models will be sustained along with the many grant programs of study.

Deliverable ID: 11

Status: Complete

Deliverable Type: Deliverable

Project Goal: Strategy 1, Deliverable 11

Narrative: Job placements/follow-up services with participants.

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 04/04/2016

Actual End: 09/28/2018

Notes: 08/12/2016: From Q3 to Q6 this deliverable was done by the Navigators or Advisors via phone calls, appointments, emails - since an electronic exit survey is now implemented for students to self report via new data collection system. Continues to be evaluated.

11/23/2016: Results of the electronic exit survey with completers have been tabulated or reported. Planning is underway for Colleges to begin to report data.

02/10/2017: Mixed reviews on electronic survey implemented from grant mgt site visits conducted this Q, this will be placed on next qrt meeting agenda. Issues around wanting their own more specific questions verses the questions used in prev. two grants survey.

05/10/2017: Some colleges are reporting job placements into the consortium perf. ETO system. MCC-earlier completed students placed in industry employment are now reporting promotions and some 2 promo's. Prof Dev trng in follow-up services was provided in Q10.

08/04/2017: Prof Dev in follow up and job placement reporting was provided in Q12. ECC, MCC, MAC, STLCC and STCM are reporting job placement within the ETO participant data collection system. The consortium is at 30% of its targeted employment attainment goal.

11/08/2017: Prof Dev follow up for job placement reporting continued at July retreat. Tech Assist was provided to some colleges in "how to" report job placement within the ETO data collection system. Ongoing monitoring with site visits being planned Q13-14.

02/12/2018: Prof Dev follow up for job placement reporting was provided at Fall retreat using APR individual and comprehensive data. Tech Assist was provided for "how to" report job

placement/attainment during December site visits to 5 colleges.

05/08/2018: Colleges are ended program of study offerings, enrollments and academic advising 3.30.18 - Navigators now focus on student performance data collection, case notes, and follow-up services in job searches, job placements, and retention. Ongoing.

08/10/2018: Colleges reporting Navigators main focus is on grant student performance data collection, case notes, and follow-up services in job searches, job placements, and retention. Ongoing.

10/25/2018: Completed, college navigators completed all data collection and reporting in Q16. Colleges will continue to report noncredit student data performance into the MoSCORES data system long after grant ends, sustained with state agency.

Deliverable ID: 12

Status: Complete

Deliverable Type: Deliverable

Project Goal: Strategy 2, Deliverable 1

Narrative: Career/educational pathways guide and outreach materials for students created

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 01/05/2015

Actual End: 03/30/2018

Notes: 11/23/2016: Completed and continually refreshed with real time data leveraged from Round 1 MoHealth Grant.

02/10/2017: Completed and continually refreshed with real time data leveraged from Round 1 MoHealth Grant burning glass data. These deliverables are also shared with our WIB partners to ensure consistency in regional job placement activities.

05/10/2017: Completed and continually refreshed with real time data leveraged from Round 1 MoHealth Grant burning glass data software tool. These deliverables are also shared with our WIB partners to ensure consistency in regional job placement activities.

11/08/2017: Completed and continually refreshed with real time data leveraged from Round 1 MoHealth Grant burning glass data software tool. This deliverable is also shared with our WIB partners to ensure consistency in regional job placement activities.

02/12/2018: Completed and continually refreshed with real time data leveraged from Round 1 MoHealth Grant burning glass data software tool. Health Care and Life Science, Adv Mfg and Logistics and Info Tech career pathway summaries were updated and distributed.

05/08/2018: Three industry career pathway publications were refreshed and distributed in Q14 and will continue to quarterly as they are now sustained within the Missouri Economic Research Information Center (MERIC). Milestones and Deliverables met.

Deliverable ID: 13

Status: Complete

Deliverable Type: Deliverable

Project Goal: Strategy 2, Deliverable 2
Narrative: Industry partnerships and competency profiles in place
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/05/2015
Actual End: 03/30/2018
Notes: 08/12/2016: Q2 colleges began meeting with industry partners and all curriculum to-date has been vetted, approved, and CBE profiles are part of program of study worksheets, updated as needed. Credit and non credit programs are approved by State and colleges.
11/28/2016: All MSW programs noncredit and credit have attained WIOA approval and Mo Dept of Higher Ed approval. This is ongoing-meeting with industry partners for enhaments for modifications to curriculum based on their needs or industry needs.
02/10/2017: Ongoing-meeting with industry partners for enhancements/modifications to curriculum based on their needs or industry needs. MCC noted competency profiles completed for MA clinicals. ECC noted adding MS Office Certificate for hospital.
05/10/2017: Ongoing-meeting with industry partners for enhancements/ modifications to curriculum based on their needs or industry needs. ECC-2 employer partners looking at hosting a cohort model at their biz location seeking MOS certifications.
08/04/2017: Implemented with all programs of study and ongoing, colleges continue to meet with industry partners for feedback, enhancements and satisfaction with skills sets the completers they are hiring.
11/08/2017: Fully implemented and ongoing, colleges continue to meet with industry partners for feedback, enhancements and satisfaction of the skills sets the student completers they are hiring.
05/08/2018: While these were completed in Year 1 of the grant, colleges remain engaged with their industry partners and update as needed. Milestones and Deliverables met.

Deliverable ID: 14
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 2, Deliverable 3
Narrative: Criteria and process for assessing prior learning for each program
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/05/2015
Actual End: 03/30/2018
Notes: 08/12/2016: Colleges have processes in place since 2013 for awarding C4PL. Efforts are underway to note the attainment of college readiness on transcripts without penalizing students' financial aid (Pell). Progress continues.
11/23/2016: A baseline survey was conducted and a report issued this quarter. Colleges are reviewing the report for gaps and action items.
02/10/2017: Since issuance of baseline report, series of webinar of process began this quarter and

continue into next. College teams are working thru the exercises and documents to map two technical career programs of study per college.

05/10/2017: CAEL tech assistance webinar series completed next step is to plan for a two day retreat with all college taskforce members to share best models, crosswalk samples, and learn from ACE Representative more in military CPL. The workshop will be in Q11.

08/04/2017: CAEL conducted their retreat along with a guest representative from ACE for some 50+ college registrars, faculty, administrators, navigators, grant leads. The retreat received great evaluation reviews and request for a second visit to further expand.

11/08/2017: Implemented, ongoing evaluation continues for those programs that avail for C4PL credits. Colleges reported C4PL continues to be offered as an opportunity for all students to accelerate their completion. Ongoing.

05/08/2018: Criteria was developed and a sustainability report issued to all colleges. C4PL policies are in place and reviewed annually to ensure proper assessing is completed as well as access to PLA opportunities. Milestone and deliverable met.

Deliverable ID: 15
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 2, Deliverable 4
Narrative: New/revised courses and credentials
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/05/2015
Actual End: 03/30/2018
Notes: 08/09/2016: Q2 to current Q most all programs (new and revised) have defined curriculum with credentials and have been documented in Program of Study Worksheets. Colleges revise these as course modules are added or dropped based on industry/employer needs.
11/23/2016: Ongoing monitoring and evaluation. Deliverable implemented.
02/10/2017: Ongoing monitoring and evaluation. Deliverable implemented.
05/12/2017: Monitoring and evaluation ongoing. Deliverable has been implemented.
08/04/2017: Monitoring and evaluation ongoing. Deliverable has been implemented.
11/08/2017: Fully implemented, ongoing monitoring and evaluation.
05/08/2018: Fully implemented and all program offerings and enrollments ended 3.30.18. Milestones and deliverables met.

Deliverable ID: 16
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 2, Deliverable 5
Narrative: Participants enrolled in new /revised programs
Expected Start: 10/01/2014

Expected End: 09/30/2017
Actual Start: 01/19/2015
Actual End: 03/30/2018
Notes: 08/09/2016: Q2 enrollments began with three colleges launching programs of study. Today in Q7 all programs have been launched and enrollments continue to meet grant target performance outcome of participants served. Continue to be evaluated and monitored.
11/23/2016: Ongoing monitoring and evaluation.
02/10/2017: Ongoing monitoring and evaluation. To date 1616 total enrollments consortium wide, with 310 new enrollments in Q9.
05/10/2017: Ongoing monitoring and evaluation. To date 1817 total enrollments consortium wide, with 201 new enrollments in Q10. Program offerings will continue to March 31, 2018.
08/04/2017: Ongoing monitoring and evaluation. To date 2082 total enrollments consortium wide, with 265 new enrollments in Q11. Program offerings will continue to March 31, 2018.
11/08/2017: Ongoing monitoring and evaluation. To date 2684 total enrollments consortium wide, with 602 new enrollments in Q12. Program offerings will continue to March 31, 2018.
02/12/2018: Ongoing monitoring and evaluation. To date 2774 total enrollments consortium wide, with only 90 new enrollments in Q13. Program offerings will continue to March 31, 2018.
05/08/2018: Milestones and deliverbles met. Programs offerings and enrollments ended 3.30.18 with 139 new enrollments in Q14.

Deliverable ID: 17
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 2, Deliverable 6
Narrative: Model for offering credit for prior learning or training
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/14/2015
Actual End: 03/30/2018
Notes: 08/09/2016: Consortium wide survey to inventory C4PL models and practices was issued on May 4th. The survey report is expected out next quarter. Next steps will be to meet with Task Force to identify best practices and models. Progress continues.
11/28/2016: The taskforce met Aug 4th with CAEL to discuss new action items. Survey results were released the next week, now under review by all colleges for gaps and action items.
02/10/2017: Colleges began forming their C4PL task force and completing course documents to begin professional development with CAEL. Three Rivers College has produced a C4PL Guide handbook that is being shared with consortium colleges in its draft format.
05/11/2017: Models were identified this quarter for sharing at the two day workshop for all taskforce members statewide. Agreed to present their models were STLCC, JC, MAC, TRC, ECC and STCM along with Ivy Tech Community College of Indiana.
08/04/2017: The C4PL models were presented at retreat and well received. Colleges have teams of non grant staff assigned to improving upon their current policies and practices as C4PL is gaining

success with adult learners and workforce staff across the state.

11/08/2017: Fully implemented, colleges are now attaining new feedback thru either HLC reviews (ECC) or newly hired leadership with interest in increasing C4PL opportunities not only for students but employer partnerships. Ongoing.

02/12/2018: Fully implemented, colleges report updated PLA policies has been a benefit for their students grant and non grant. Their incumbent worker enrollees is proving to be very beneficial for both employers and students. Ongoing.

05/08/2018: Milestone and deliverables met. A sustainability report was completed and delivered to all colleges.

Deliverable ID: 18
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 2, Deliverable 7
Narrative: Transfer and articulation agreements in place for programs.
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 03/02/2015
Actual End: 09/28/2018
Notes: 08/09/2016: While grant staff began gathering or developing articulation agreement for grant programs, some are still in progress. The agreements continue to be evaluated and enhanced as program improvements are applied.

11/23/2016: Agreements are in place and as new partners on board, consideration will be given when applicable to align with STEM programs. The agreements continue to be evaluated and enhanced as program improvements are applied.

02/10/2017: Agreements in place, as new partners on board, consideration will be given when applicable to align with STEM programs. The agreements continue to be evaluated and enhanced as program improvements are applied.

05/12/2017: Agreements in place, as new partners on board, consideration will be given when applicable to align with STEM programs. The agreements continue to be evaluated and enhanced as program improvements are applied.

11/08/2017: Agreements in place, two colleges reported new or pending negotiations with new partners underway. Agreements continue to be evaluated and enhanced as program improvements are applied. Implemented.

02/12/2018: Agreements in place, one college (SCC) reported pending negotiations with Univ Central MO (UCM) underway. Agreements continue to be evaluated and enhanced as program improvements are applied. Implemented.

05/08/2018: One college (SCC) remains waiting on signatures for their articulations agreement. Remaining colleges report milestone and deliverable met.

08/10/2018: All colleges have reported milestone and deliverables met with the exception of SCC who is awaiting signatures from Univ. Central Missouri. Colleges manage their agreements annually.

10/25/2018: All colleges reported milestone and deliverables met AND SCC did attain approval signatures from Univ. Central Missouri on their Supply Chain Logt. & Mfg. Tech AAS degree. Colleges will continue to manage their agreements annually.

Deliverable ID: 19
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 2, Deliverable 8
Narrative: Participants enrolled in new/revised programs
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 01/19/2015
Actual End: 09/28/2018
Notes: 08/09/2016: Year 3 activity and deliverable will report out on in Q9.
11/23/2016: Q9 data should aid us in reporting the number of participants whom enrolled taking advantage of credit for prior learning opps. No data reported as of this writing.
02/10/2017: With six colleges reporting there is a total of 149 participants who were enrolled utilizing credit for prior learning to accelerate in programs of study. Ongoing.
05/11/2017: With 13 colleges reporting there is a total of 169 participants who were enrolled utilizing credit for prior learning to accelerate completion in programs of study. Ongoing.
08/07/2017: All colleges continue to report - to date 171 participants were enrolled utilizing credit for prior learning to accelerate completion in programs of study. Ongoing.
11/08/2017: All colleges continue to report - to date 188 participants were enrolled utilizing credit for prior learning to accelerate completion in programs of study. Ongoing.
02/12/2018: All colleges continue to report - to date 180 participants were enrolled utilizing credit for prior learning to accelerate completion in programs of study. This slight decrease since Q12 is due to SFCC cleaning up their data. Ongoing
05/08/2018: Final program offerings and enrollments ended 3.30.18. Colleges are now validating their performance data and Q14 data supports 188 students were awarded C4PL to accelerate their completion goals. Ongoing.
08/10/2018: Final program offerings and enrollments ended 3.30.18. Colleges are now validating their program and student performance data for the final APR reporting.
10/25/2018: Completed, colleges reported and validated 2950 students enrolled in to grant STEM programs of study, with 2,048 establishing completion. Colleges issued some 4309 industry credentials for STEM related occupations.

Deliverable ID: 20
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 2, Deliverable 9
Narrative: Rates of dev. ed. completion increased and accelerated

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 10/03/2016

Actual End: 09/28/2018

Notes: 08/09/2016: This is a 3rd year activity and will begin to report out in Q9.

11/23/2016: No reporting data in Q8. Q9 will be the start of this 3rd year deliverable.

02/10/2017: CC-every student now meets formally w/navigator to receive "Reflecting Professionalism in Trucking" and informally throughout the grant. NCMC-regular meetings with UP coordinator & recruiter/retention spec. to review overall student success & barrier

05/11/2017: STLCC-121 unique participants enrolled in ALA 83 successful completions, 18 remained enrolled; MACC-Dev-ed continues to be an accelerated pathway no rates reported; MAC-new digitial lit exam provides pre-exam remediation. No rates provided by others.

08/04/2017: Colleges continue to report completions of dev ed that result in accelerated completions. Some are delivered the same term as the program of study thus reducing time to completion. STLCC noted at end of Q11 more than half went on to grant programs.

11/08/2017: Fully implemented now being evaluated and enhanced as needed. Ongoing.

05/08/2018: Fully implemented now being evaluated and enhanced as needed. Ongoing. Overall program andgrant outcome analysis will continue through June 2018.

08/10/2018: Fully implemented is being evaluated. Ongoing. Overall program and grant outcome analysis are completing for final grant reports to be released in Q16.

10/25/2018: Colleges reported more fully aligning & contextualizing basic skills dev. ed. to program coursework to accelerate entry into STEM programs/pathways for academically under-prepared students. Completed.

Deliverable ID: 21

Status: Complete

Deliverable Type: Deliverable

Project Goal: Strategy 2, Deliverable 10

Narrative: More under prepared students' progress to college courses

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 10/03/2016

Actual End: 09/28/2018

Notes: 08/09/2016: This is a 3rd year activity will report out in Q9.

11/28/2016: While this is a 3rd year data deliverable, from early enrollees thus far we can see 33% of enrollees are High School/GED, 38% are less than high school.

02/10/2017: Colleges assess data and recognize that many if not all participants are progressing to college courses. Results continue to be monitored and compared. STLCC provides accelerated entry in programs through the ALA innovative dev ed component initially

05/12/2017: Colleges continue to monitor and report students' progress to college courses.

08/04/2017: STLCC of 135 unprepared students, 83 went on to enroll in one of the MoSTEMWINs

pathway training programs. SFCC noted students are progressing 1 to 2 semesters sooner. NCMC in Q11 alone 23 students earned 44 MSSC credentials. College move the needle

11/08/2017: STLCC reported at end of Q12, two thirds (100 of 152) students enrolled in ALA has gone on to enroll in one of the grant pathway training programs. Colleges continue to monitor and report students progress in college courses.

02/12/2018: Colleges are reporting based on student exit surveys - students are enrolling into credit and non credit pathway programs. Colleges continue to monitor and report students progress in college courses. Will exceed this performance measure.

05/08/2018: Colleges routinely report in the grant performance data collection system and a comprehenive analysis will be provided in the TPE report as well as the final Qrtly report and APR. Each will no begin validating their data reporting .Ongoing.

08/10/2018: Colleges reporting in the grant performance data collection system and a comprehensive analysis will be provided in the TPE report as well as the final Qrtly report and APR.

10/25/2018: Completed, The use of "portal-type"programs & enhanced student "onboarding" processes helped students move into and retain in STEM programs. Colleges noted the value of such efforts and suggested these efforts were especially beneficial for students.

Deliverable ID: 22
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 2, Deliverable 11
Narrative: Participant outcomes (completions, credentials and credits earned, employment)
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 10/03/2016
Actual End: 09/28/2018
Notes: 08/09/2016: This is a 3rd year activity and will report out in Q9.

11/23/2016: The 2nd year APR was certified. As a 3rd Year deliverable, data should start coming in next quarter to begin to assess.

02/10/2017: Colleges are now seeing and reporting quarterly their own ETO real time data performance outcome reports which enables them to use the data to take grant management action when needed as well as learn what strategies are working.

05/11/2017: As of 3.31.17 the consortium has 992 completers; 4923 credit hours earned and 217 have attained employment of those who were unemployed at time of enrollment.

08/04/2017: As of 6.30.17 2082 participants enrolled, 1191 earned an industry-recognized credential. 80% have completed a program of study. 51% enrolled in further education after POS. 32% have gained employment. 13% have retained employment after completion.

11/08/2017: Colleges utilize their ETO data system to closely monitor their participant outcomes. At Qrtly grant consort. meetings the numbers individually and consortium wide are shared/discussed at length in a formal Pathway to Performance report. Implemented.

02/12/2018: Colleges utilize their ETO data system to closely monitor their participant outcomes.

Fall Nov. retreat employment attainment numbers individually and consortium wide were shared/discussed at length in order to aid colleges to increase this measure.

05/08/2018: As of 3.30.18 total YTD enrolled was 2913, with 1779 earning an industry recognized credential. 347 unemployed upon enrollment have attain employment in 1st Qrtr. and 165 of those have retained employment in Qrtr 3. 3498 credentials have been awarded

08/10/2018: As of 6.30.18 total YTD enrolled was 2950, with 2003 earning an industry recognized credential. 561 unemployed upon enrollment have attain employment in 1st Qrtr. and 204 of those have retained employment in Qrtr 3. Total 3498 credentials awarded.

10/25/2018: Final outcomes reported were 2950 enrolled, with 2,048 completers, of those 1,365 employed by the grant end. 60% student exit surveys supported programs exceeded or greatly exceeded their expectations. 1,365 students were employed 1st qrt after exit.

Deliverable ID: 23

Status: Complete

Deliverable Type: Deliverable

Project Goal: Strategy 2, Deliverable 12

Narrative: Job placements/follow-up services with participants.

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 01/30/2015

Actual End: 09/28/2018

Notes: 08/12/2016: While job placements have occurred since Q2 of the grant, this deliverable was targeted more so for Q9 with robust data to support. The APR also notes the deliverable progress.

11/28/2016: Electronic participant follow-up surveys with the new ETO Data Collection System will be launched Q9. Colleges will also conduct follow-up services in person, phone calls, as well as Third Party Eval. – random sampling.

02/10/2017: Grant mgt staff began conducting participant file monitoring site visits and found evidence job placements and follow-up services are being rendered and documented within case notes. further professional development on this will be provided in Q10.

05/10/2017: During the January consortium grant leads and navigators meetings, participant file management, acceptable documentation, eligibility and student follow up services expectations. Electronic follow-up surveys are being processed by the colleges.

08/04/2017: In the April Retreat the grant life cycle was revisited with focus on types of follow-up services and various ways to collected employment data for reporting. College navigators and grant staff are working on implementing these activities.

11/08/2017: Q12 July retreat, technical assistance needs in reporting in the ETO data collections system was requested by colleges and provided by grant management. Colleges have a focus on cleaning up their reporting data - followup services and employ. attain.

02/12/2018: Colleges made great improvements in reporting higher employment attainment numbers on their students in Q13. We are 2/3 there in meeting performance goal. Fall Nov retreat individual and consortium wide APR reports were shared and discussed.

05/08/2018: With program offerings/enrollments ending in Q14, colleges main focus now will turn

to student job placements and performance data collection on all completer students. Job placements were made in Q14 and it appears performance outcomes will be met.

08/10/2018: Colleges main close out focus now is student job placements and performance data collection on all completer students. Job placements were made in Q14 and it is projected performance outcomes will be met.

10/25/2018: Completed in Q16 reported 1,365 students employed by grants end. Student surveys support 84% indicated they are confident their program provided them with skills/knowledge needed to be successful. 4,309 credentials were awarded in total.

Deliverable ID: 24
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 3, Deliverable 1
Narrative: Career navigation function in place
Expected Start: 10/01/2014
Expected End: 09/01/2017
Actual Start: 12/01/2014
Actual End: 09/01/2016
Notes: 08/11/2016: Career Navigation implementation was established in Q1 of the grant, over time new hires are in place, trained and advising students. Career coaches utilize Career Blueprints to aid STLCC students with the chosen pathways. Continues to progress.

11/23/2016: All colleges are reporting Navigation services in place. Deliverable implemented.
02/10/2017: All colleges are reporting Navigation services in place. Deliverable implemented.
05/10/2017: All colleges are reporting Navigation services in place. Deliverable implemented. Just a couple have reported the resignation of these grant staff but are in replacement processes currently. This is common towards the end of grant cycles.
08/04/2017: All colleges are reporting Navigation services in place. Deliverable implemented. Three colleges have reported the resignation of these grant staff but are in replacement processes currently. This is common towards the end of grant cycles.
11/08/2017: All colleges are reporting Navigation services in place. Deliverable implemented. One colleges reported the resignation of their Navigator, replacement processes is underway currently. This is common towards the end of grant cycles.
02/12/2018: Deliverable implemented and for a few colleges complete. As the grant and programs of study approaches closing, some Navigators have moved on to other job opportunities.
05/08/2018: All navigators have been in place and replaced, sustainability of these positions is viable for many due to other similar programs that desire to achieve similar high performance outcomes like the SNAP SkillUP program. Milestone and deliverable met.

Deliverable ID: 25
Status: Complete
Deliverable Type: Deliverable

Project Goal: Strategy 3, Deliverable 2

Narrative: Recruitment, referral, and placement processes in place

Expected Start: 10/01/2014

Expected End: 09/01/2017

Actual Start: 01/05/2015

Actual End: 03/30/2018

Notes: 08/09/2016: Information/Orientation sessions began in Q2 for some colleges as each launched programs they expanded. Some in partnerships with WIBs. Currently colleges have expanded with hosting these with CBOs, reentry programs, and SNAP E&T programs.

11/23/2016: Deliverables met, with ongoing opportunities to expand with new partners and venues.

02/10/2017: Deliverables met, with ongoing opportunities to expand with new partners and venues. Next Q a prof dev workshop is being planned for the navigators/retential spec on grant life cycle of a student for a second time for any new grant staff.

05/11/2017: Deliverables met, ongoing opportunities to expand with new partners and venues. A prof dev workshop was held for the navigators/retention spec on grant life cycle - recruitment, retention and results. Sites visits also provided addl tech assist 1on1.

08/04/2017: Deliverables met, ongoing opportunities to expand with new partners and venues. A prof dev workshop was held for the navigators/retention spec on grant life cycle - recruitment, retention and results.

11/08/2017: Fully implemented and deliverables met, ongoing monitoring of outcomes employment data for considering new opportunities to expand placement services with employers and WIBs.

02/12/2018: Fully implemented and deliverables met, ongoing monitoring of outcomes employment data for considering new opportunities with WDB in expanding apprenticeship opportunities with grant programs of study.

05/08/2018: Colleges report milestone and deliverable met. Now revisiting these processes for sustainability and scaling. All program offerings and enrollment for this grant ended 3.30.18.

Deliverable ID: 26

Status: Complete

Deliverable Type: Deliverable

Project Goal: Strategy 3, Deliverable 3

Narrative: Hiring, retention, and advancement processes in place between colleges, partners, and business

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 01/19/2015

Actual End: 03/30/2018

Notes: 11/23/2016: Since Q2 colleges began to hire career coaches, business representatives, job placement assistance advisors and are now engaging completing students with regional employers and WIB job placement services. Ongoing.

02/10/2017: Grant mgt began participant file monitoring site visits this quarter and addressed one on one with grant staff technical assistance in support. A workshop is being planned for all to attend in Q10 to further provide best practices/lessons learned.

05/10/2017: From the Grant mgt site visits conducted, evidence supports the colleges have implemented this deliverable. Addl prof. dev. was held in Q10 in support of the grant life cycle activities. One on one tech asst. occurred during site visits as well.

08/04/2017: Site visits conducted, evidence supports the colleges have implemented this deliverable. MOUs are in place with partner such a WIBs for some services.

11/08/2017: Site visits conducted, evidence supports the colleges have implemented this deliverable. MOUs are in place with partner WIBs for some services. Fully implemented continuous evaluation ongoing.

02/12/2018: MOUs are in place with partner WIBs for services. Fully implemented continuous evaluation ongoing. 5 December site visits conducted and advised colleges to begin exploring the MOUs expirations approaching for sustainability long after the grant ends.

05/08/2018: Colleges reported milestones and deliverable met.

Deliverable ID: 27

Status: Complete

Deliverable Type: Deliverable

Project Goal: Strategy 3, Deliverable 4

Narrative: Internship processes in place between industry and colleges

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 03/02/2015

Actual End: 03/30/2018

Notes: 08/09/2016: Internships processes started in Q2 of the grant, progressed where applicable with new opportunities with employer partnerships expanding each Qrt. These aligned with programs of study with protocols vetted and revised where needed. Progress continue

11/23/2016: As reported earlier, internships have been expanded with new employer partners on boarding. As well as expanded clinical opportunities with the healthcare programs of study.

02/10/2017: Ongoing and colleges continue to report expanded internship opportunities, clinicals as well as apprenticeships. Few have reported loss of these work based learning opportunities.

05/10/2017: Ongoing and colleges continue to report expanded internship opportunities, clinicals as well as apprenticeships. Detailed specifics are in employer section of this narrative.

08/04/2017: Ongoing and colleges continue to report expanded internship opportunities, clinicals as well as apprenticeships. Detailed specifics are in employer section of this narrative.

11/08/2017: Ongoing and colleges continue to report expanded internship opportunities, clinicals,and apprenticeships. Detailed specifics are in employer section of this narrative.

02/12/2018: Ongoing and colleges continue to report expanded internship opportunities, clinicals,and apprenticeships. Detailed specifics are in employer section of this narrative.

05/08/2018: Even in this final course offering Quarter, colleges reported expanded internship opps as well as new discussions in support of sustaining programs with adding apprenticeship

opportunities after the life of the grant. Milestone and deliverables met.

Deliverable ID: 28
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 3, Deliverable 5
Narrative: Data collection system in place between consortium and state
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 06/01/2015
Actual End: 09/28/2018
Notes: 08/12/2016: Project RFP, contract award and system design started back in Q3. Today system is in place, staff are trained, and first employment data will be validated next quarter. See previous Grant summary reports. Progress continues.
11/23/2016: Data collection system implemented and reporting outcomes. Year 2 APR was just certified. Progress continues.
02/10/2017: Data collection system implemented and reporting outcomes. Progress continues in the new systems generated automated student exit surveys.
05/10/2017: State MOU modified to include Cyber Security Liability Insurance, this delayed wage data from UI system for 5 months but back on track now. Colleges progress with uploading student required eligibility data, case notes, and performance data continues
08/04/2017: Student and comparison cohort data records were submitted to state for verification of wage records, it was estimated early in Q12 the reports would be furnished by State UI office. Colleges report supplemental data on employment attained as well.
11/08/2017: State wage data was received for grant students and comparison cohort data records. In return this was shared with third party evaluator for formal evaluation. Colleges also supplement data on employment attained as well. Implemented - Ongoing.
02/12/2018: MOU with State for wage data implemented and deliverable complete. Continue to receive data upon request and share with their party evaluator as well. Complete and ongoing.
05/08/2018: MOU with State for wage data implemented and deliverable complete. Continue to receive data upon request and share with their party evaluator as well. Complete and ongoing.
08/10/2018: MOU with State for wage data implemented and deliverable complete. the MOU was extended another 4 years- till 2022 for continued perf funding reporting. Continue to receive data upon request and share with third party evaluator. Complete and ongoing.
10/25/2018: Completed. The consortium grant student performance data system contract with Social Solutions ended in September and not renewed. Individual colleges were allowed to establish their own respective contracts if so desired.

Deliverable ID: 29
Status: Complete
Deliverable Type: Deliverable

Project Goal: Strategy 3, Deliverable 6
Narrative: Records of internship placements and hiring
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 10/03/2016
Actual End: 09/28/2018
Notes: 08/09/2016: This is a Yr 3 activity and data will be forthcoming to evaluate in Q9 and thereafter.
11/23/2016: No data reported as of this time. Expected to do so in Q9.
02/10/2017: Colleges are reporting student placement and performance progress in internship placements, clinicals, and employment hirings. Evidence was discovered in site visits conducted this quarter as well.
05/11/2017: Colleges continue to report student placement and performance progress in internship placements, clinicals, and employment hirings. Evidence was discovered in final site visits conducted in Q10.
08/04/2017: Deliverable implemented. Colleges continue to report and collect data on internships, ojt, and other work based learning opps for grant participants.
11/08/2017: Deliverable implemented. Colleges continue to report and collect data on internships, ojt, and other work based learning opps for grant participants. Final sites are being planned for further evidence in Q13 and 14.
02/12/2018: Deliverable implemented. Colleges continue to report and collect data on internships, ojt, and other work based learning opps for grant participants. Final sites visits began Dec. at 5 colleges for evidence of this activity as well as noted within.
05/08/2018: Program offerings and enrollments ended 3.30.18, colleges reported the milestones and deliverables met. Data collection is now being validated on all student performance records for final reporting in Q16.
08/10/2018: Data collection is now being validated on all student performance records for final reporting in Q16.
10/25/2018: Completed, data reported and validated. Years 1, 2, and 3 APRs were opened and corrected with validated data. Internships/Apprenticeship partnerships will be sustained.

Deliverable ID: 30
Status: Complete
Deliverable Type: Deliverable
Project Goal: Strategy 3, Deliverable 7
Narrative: Job placements/follow-up services with participants.
Expected Start: 10/01/2014
Expected End: 09/30/2017
Actual Start: 10/03/2016
Actual End: 09/28/2018
Notes: 08/09/2016: This is a Yr 3 activity and data will be forthcoming to evaluate in Q9 and

thereafter.

11/23/2016: The Yr 2 APR report supports 70 job placements for grant completers.

02/10/2017: Colleges are now reporting in quarterly reports and case notes in student files, job placements and follow-up services. Site visits began to provide grant mgt with evidence of this activity which was discovered. Further prof. dev. will be planned.

05/11/2017: Prof Dev was delivered in Jan. grant mtg to all colleges in support of types of followup services and job placements. Colleges are reporting within ETO and data is further validated with State UI wage data. 217 students attained employment to date.

08/04/2017: Ongoing Colleges continue to make job placements with their employer partner's and report within ETO student data collection system employment attained and is further validated with State UI wage data.

11/08/2017: At July retreat, it was revisited with colleges types of followup services strategies and activities to aid in providing and reporting outcomes in followup services. Fully implemented and ongoing.

02/12/2018: Fully implemented and colleges made great increases in reporting job attainment performance measures. Colleges are working diligently on each of the measures. Best Practice-SFCC reported - Facebook is good source that provides job attainments as wel

05/08/2018: With program offerings and enrollments ending in Q14 3.30.18 colleges will be providing followup services to students in need of job placements as well as collecting documents and data in support of these performance outcomes. Ongoing

08/10/2018: Colleges will be providing followup services to students in need of job placements as well as collecting documents and data in support of these performance outcomes. Ongoing

10/25/2018: Completed all follow-up services, student outcomes data reported and validated. Years 1, 2, and 3 APRs were reopened and corrected.

F. Key Issues and Technical Assistance Needs

Title	Description
MoSTEM Performance Outcomes	In their final Qrt reports, colleges continued to stress how discouraging the USDOL performance measures do not support the true employment impacts the grant contributed to their communities. Just as many Underemployed (part-time & low skilled) students were enrolled and attained industry credentials that resulted directly in full time employment upon completion. Many of them were promoted or placed with a promotion into full time positions.
Intrusive Advising Models	3 colleges reported as "lessons learned" in the success of MoSTEMs is greatly dependent on strong intrusive advising guidance, almost hand holding of students by their pathway coaches/navigators/academic advisors. The value of these positions are critical to increasing retention, completion and student success. Some only budgeted at 50% but soon adjusted to an FTE. Scaling to all college departments is turning into a high strategic planning priority - with significant impact.
Strategic Employer Engagement	Another lesson learned by the colleges was strategic employer engagement. The final success and placement rates for the programs of study would not have been realized absent the strong, mutually beneficial, clinical/internship/ apprenticeship opportunities availed to students through these grant partnerships. Their role was transformed into designing, delivering and evaluating instructional programs. Ongoing guidance in recruitment, and talent acquisition.
Online Hybrid Delivery Model	The use of online and hybrid delivery methods was a significant obstacle at OTC. Grant staff attribute this to: 1) CLT is a laboratory-intensive program requires intensive hands-on participation that cannot be successfully replicated through online leaning, 2) this target pop included non-traditional students with "real life" or extraneous issues that hinder self-supervised participation outside the seated classroom. Maximized hands-on time w/students while enabling them to accelerate through.
Student Data Collection	Issues of accurate data collection/reporting were challenges throughout the consortium TAACCCT experience. We devoted resources to the development of a database to track grant-funded credit/noncredit students from application, entry into workforce training programs, program completion, and placement. Consistency is key to validation, a significant

amount of prof. dev. was required in group and one-on-one sessions. All of the colleges are now skilled in using/making data driven decisions.

G. Best Practices, Promising New Strategies and Success Stories

Best Practices and Promising New Strategies

1 C4PL Crosswalk to Natl Stnds

Consortium colleges are now poised to crosswalk their programs of study to the national standards in efforts to strengthen their credit for prior learning policies and practices. 65 consortium college personnel were trained by CAEL and ACE experts resulting today in the state's first ever comprehensive matrix detailing 26 programs of study (2 from each college) cross-walked to the national standards to aid students who are eligible to accelerate their completion. More programs to be added soon.

2 MoSCORES State Data System

A grant deliverable is Missouri's School Credentialing Resulting in Employment Success (MoSCORES) state performance data system. A system all higher education institutions are now reporting into to support career exploration, schools programs of study details, performance of those programs, individualized private college performance reports, noncredit student performance (first ever), and an adult career exploration tool. Sustained on Mo Div. of Workforce Dev. data server for years of usage.

3 Noncredit to Credit Pathways

Colleges reported as a result of MoSTEMWINs, many of their noncredit programs were mapped to their credit programs and career pathways and stackable credentials. Identifying and validating courses, competencies and credentials with business and industry was grant supported. Most all of the colleges were never availed the time and resources needed to accomplish this practice in order to better serve their adult learners.

4 WIB Partnerships Sustained

Colleges are sustaining their Memorandum of Understanding Agreements with their regional WIBs identifying best practices to sustain after the grant with redefined roles of services to continue their shared successes. For example OTC Navigator designed & implemented an Authorization Agreement to allow exchange of grant eligibility documentation and information between both entities. This practice expedited exchange of information that resulted in accelerated entry processes into the CLP program.

5 Being Mobile

Two colleges were able to take their programs on the road to target populations in need of workforce skills training - MACC CPT & Mechatronics trailer provided growth and increased

skilled workforce to regional mfg. that resulted in increased production and jobs to the area. Another, STCM mobile computer lab allowed instructors to deliver instruction within the walls of the states prisons. Both now have new partnerships that had not existed prior to the grant and will be sustained going forward.

Success Stories

1 Consortium Model Sustains
MoWINs consortium based grants were very successful these past seven years, even more so - the collaborative experiences and innovations. This was evident to our college leaders to sustain this consortium network. They launched the NEW Workforce Development Network to continue addressing longstanding challenges facing Mo businesses: the availability of a skilled workforce. The network of colleges will share resources, allowing each college to assure all businesses needs will be met.

2 MoWINs Successes
We would be remiss to not share the successes of all 3 grants: MoWINs, 11,711 participants were served resulting in $4996 average cost per student who have benefited from more than 100 workforce job training programs created or transformed. The training programs impact awarded over 10,000+ industry credentials. The State has tangible results as well: 1st ever C4PL Policy, MoSCORES data sys., strengthened employer engagement, advanced career pathways and contextualized dev. ed curriculum.

3 How we changed 4 C's
Missouri's community colleges are forever changed: Collaboration - in how we connected instruction and student support functions; Communication - in how we increased our internal communication and directed efforts to more fully connect instruction to student services, and workforce noncredit programs to standard credit programs; Capacity - in how we increased our capacity to take workforce development to a larger scale; and Confidence - as a driver of economic development using our innovations.

4 Student Success Stories
In Q16, colleges reported - CC (1 student); ECC (3 students); MCC (2 students); MAC (2 students); STLCC (7 students); STCM (1 student); all have reported student success stories in depth where as they have completed their programs and attained sustainable employment with benefits in their communities. Please further view the MoSTEMWINs story videos each college prepared on our website here: http://www.mowins.org/mostemwins.html

5 Utilizing OER SkillsCommons
While MoSTEMWINs began with collaboration within the consortium in Missouri, the support provided gave new meaning to the term synergy, out of which grew partnerships - partnerships outside of own state. Open Education Resources directly resulted in a healthy compilation of materials and resources at our fingertips to tap into. Today we have access to an arsenal of

educational materials from which to grow so many future college opportunities.

H. Additional Outcome Information

Additional grant deliverables will be submitted to the FPO along with this Q16 final report: the Final MoSTEMWINs grant published report; MoSCORES Users Guide; and MoSCORES Statewide Data Integration Project Summary Report. You may also find many other grant project deliverables in SkillsCommons under Junior College District of Metropolitan Kansas City, MO, Program Support Materials Collections folder. Final grant outcomes presentations will be provided in Nov. to the State Workforce Board and MCCA Presidents/Chancellors. The Mo Workforce Development Network (MoWINs sustained consortium model) is well implemented with seed funding support by the State Workforce agency for the NEW Exe.Dir.