

Recipient: Lorain County Community College

Grant Number: TC-26435-14-60-A-39

Quarter Ending: 09/30/2015

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

Project Name:

Ohio Technical Skills Innovation Network (Ohio TechNet)

Grant Number:

TC-26435-14-60-A-39

Award Year:

2014

Report Quarter Ending:

09/30/2015

Date of Submission:

11/12/2015

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A. Annual Summary for Grant Activities

Ohio TechNet (OTN) is an 11-school Advanced Manufacturing consortium with 5 programs: Welding, CNC/Machining, Industrial Maintenance, Digital Fabrication/Industrial Automation, Occupational Safety. Schools include Columbus State (CSCC), Cincinnati State (CSTCC), Cuyahoga (CCC), Eastern Gateway (EGCC), Lakeland (LCC), Lorain (LCCC), Owens (OCC), Rhodes (RSC), Sinclair (SCC), Stark (SSC), Zane (ZSC). OTN has made exceptional progress in Y1. In addition to exceeding our goals for our Y1 participant enrollment, infrastructure for consortia was created: key grant staff and faculty hired; third-party evaluator selected, evaluation plan completed; data collection procedures developed; relationships formed with state and national leaders, including the Ohio Dept of Job and Family Services (ODJFS), OhioMeansJobs (OMJ), Ohio Dept of Higher Ed (ODHE formally Ohio Board of Regents), National Network for Manufacturing Innovation (NNMI) organizations including LIFT, AmericaMakes and NextFlex, The Manufacturing Institute, Community College Workforce Consortium (CCWC), and Ohio Manufacturing Careers Council (OMCC); SharePoint site created; Affinity Groups and Work Teams formed; consortium meeting schedule established; handbook and invoicing system developed. Other notable activities include: training and professional development for grant staff and faculty; relationship development with key partners, including employers and industry experts; outreach strategy development and execution; curriculum development and program launch; consortium member monitoring visits. Accomplishments for Q4 include: hiring of key staff; equipment and

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renovation request submissions; equipment and supply purchases and operationalization; renovation initiation; development of participant data collection procedures, development of data sharing agreements; review and revision (as needed) of statements of work; monitoring visits by LCCC to several OTN schools; hosting of PLA Strategic Planning Session; launch of Statewide Safety Industry Council; hosting The Manufacturing Institute for professional development event for OTN partners; launch of Presidents' Council in conjunction with CCWC meeting; coordination with state and national leaders in the engagement of industry partners for the launch of OMCC; collaboration with National Network for Manufacturing Innovation (NNMI) organizations; research of online curriculum vendors; planning for Manufacturing Month events.

B. Status Update on Leveraged Resources

Provide an update on the organizations that contributed the resources:

The following organizations provided leveraged resources this quarter: Lorain County Community College (LCCC), Cincinnati State Technical and Community College (CSTCC), Ohio Department of Higher Education (ODHE), the City of Youngstown, Rudolph Foods, Rhodes State College (RSC), Bi-Con, US Bridge, and Detroit Diesel.

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

LCCC (Lead): unclaimed indirect costs (\$10,558); LCCC (Base): unclaimed indirect costs (\$10,881); CSTCC: unclaimed indirect costs (\$2,868.60); ODHE: OhioMeansJobs Workforce Revolving Fund to pay for welding training (\$299,160); the City of Youngstown: Local Government Innovation Fund to search for location of shared facility (\$50,000); Rudolph Foods: meeting space and food for Food Industry Partner Meeting (\$500); RSC: unclaimed indirect costs for administrative services (\$5,880.09); Bi-Con: pipe for welding courses (\$10,000); US Bridge: steel for welding courses (\$2,000); Detroit Diesel: broken welding robot for welding course instruction (\$2,000).

Comments:

N/A

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.

Required employers participated in Statewide Safety Industry Council (SCT, Diamond Products) and advisory panels, reviewed curriculum, championed launch of the Ohio Manufacturing Careers Council or OMCC (Enginetics Aerospace, Nordson Corporation, General Plug), attended OMCC

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launch (AJ Rose Manufacturing, Arcelor Mittal, Crane Aerospace & Electronics, F&P America Manufacturing, Island Aseptics, Kiraly Tool and Die, SGS Tool), joined OMCC Work Groups.

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

Employers have also: donated materials for programs; been engaged in conversations surrounding grant support to purchase additional equipment; assisted in overall planning for Manufacturing Month events; participated in a Manufacturing Council breakfast at Zane State; attended a Safety and Career Expo; submitted logos for use on outreach materials; provided video testimonials; agreed to participate on an Employer Panel.

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

Consortium members reported the following challenges: Lakeland: Time identified as a barrier to involving employers in curriculum development. Cincinnati State: Employer partners reevaluated as the location for the welding lab moved. Leveraging relationships made through a prior round TAACCCT grant provides a solution. Lorain (Lead): Coordination with state and local entities to ensure a coherent approach adds a layer of complexity as well as additional strengths to employer engagement.

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

New employers: LCCC: Akron Energy Systems; CCC: Premier Container; CSCC: Rogue Fitness; LCC: Airgas, Babcock and Wilcox, Buyers Products, Cristal, Demag Crane, Perry Nuclear Plant, Swagelok, Budzar; SCC: Trojan Gear, Hohman Plating; ZSC: Detroit Diesel. Commitments from new and previous employers include: considering hosting interns, curriculum review, event participation, participant recruitment, advisory committees, employer panel, industry council, site visits, OMCC.

Comments:

OTN works with industry associations and third-party intermediaries to create strategies to address employer needs. LCC works with local labor unions (Ironworkers Local 17 and Pipefitters Local 120) and the Alliance for Working Together, an association of 75+ manufacturing companies. At Zane and Lorain, colleagues work with local career technical centers to align programs to industry needs. EGCC works with Energy Innovation Center to create a shared facility and is a partner in the Mahoning Valley Manufacturers Coalition, which brings manufacturers together to support training for machining and welding. Cuyahoga obtains internship funding from Medina County Workforce Development.

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:

Ohio TechNet (OTN) has made significant strides to align the state's student success agenda with the needs of TAA workers and veterans to accelerate their readiness for advanced manufacturing careers in Ohio. Bi-weekly Work Team meetings in Q4 have supported this. Team 1 creates mechanisms for statewide collaboration, Team 2 transforms program design, and Team 3 expands best practices to redesign student intake, success, and placement. Milestones of Team 1 this quarter include: planning and attending the Ohio Manufacturing Careers Council (OMCC) inaugural meeting (9/14/15); planning and hosting the launch of OTN's Presidents' Council at a September Community College Workforce Consortium (CCWC) meeting (9/2/15); launch of the Statewide Safety Industry Council to develop Safety Career Pathways (9/30/15). Milestones of Team 2 this quarter include: development of Rights Skills Now Toolkit; hosted seminar with The Manufacturing Institute to discuss employer and veteran engagement (7/9/15); involvement of consortium members in statewide Competency Based Education Conference, hosted by previous round TAACCCT grantees (9/18/15); hosted meeting with CAEL to develop a PLA strategy for the consortium (9/17/15); additional attainment of M-List designation by consortia members; Welding Affinity Group met with Tooling U to discuss delivery of online curriculum and issued a RFP to solicit online welding program resources. Milestones of Team 3 this quarter include: ongoing work with ODHE and ODJFS and local WIB representative to use Ohio Workforce Case Management System to track OTN data; launch of Navigator/Success Coach Affinity Group (9/28/15); discussion of replication of Boots to Business at Rhodes and Columbus State. Consortium-wide, as programs have launched, outreach to target participants has led to 304 enrollments in TAACCCT funded programs.

How many programs are you planning to offer?

5

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

3

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Quarter Ending: 09/30/2015

Activity ID: 1

Status: Ongoing

Activity Type: Activity

Project Goal: 1.1 General Program Management

Narrative: Align activities with existing sector initiatives to share best practices

Expected Start: 10/01/2014

Expected End: 09/30/2018

Actual Start: 10/01/2014

Actual End:

Notes: 03/20/2015: Activity 1.1; Align activities with existing sector initiatives to share best practices

05/07/2015: Started recruitment for Project Manager and Program Developer; contracted with Program Evaluator; hired Resource Development Specialist.

08/14/2015: Work Teams were launched to support program management. Project management team is hired and oriented to Ohio TechNet / TAACCCT including OTN project manager, program developer, senior research project manager, and resource development specialist.

11/12/2015: Consortium infrastructure organized: data sharing agreements, systems for secure data transmittal, weekly calls, regular webinars, site visits. OTN partners align employer engagement and career pathway development with the Ohio Manuf. Careers Council.

Activity ID: 2

Status: Ongoing

Activity Type: Activity

Project Goal: 2.1 Accelerated Remediation

Narrative: Contextualized and accelerated remediation through collaboration

Expected Start: 06/01/2015

Expected End: 09/30/2017

Actual Start: 03/02/2015

Actual End:

Notes: 03/20/2015: Activity 2.1; Collaboration with Adult Basic Education, Industry, workforce and Ohio Completion Agency

05/07/2015: Started procurement process for PLA contractor.

08/13/2015: Select consortium members have had initial discussion with a local ABLÉ provider about developing a Bridge Class to help prepare students for Math in Welding and engaged faculty to complete enhanced math curriculum for Machinery Maintenance.

11/12/2015: Consortium members attended Competency-Based Education Conference and PLA Strategy Session with CAEL. Select consortium member has confirmed partnership with local ABLÉ and reviewed and modified curriculum.

Activity ID: 3

Status: Ongoing

Activity Type: Activity

Project Goal: 2.2 Enhanced Collaboration

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Quarter Ending: 09/30/2015

Narrative: Collaboration among career technical, community colleges, registered apprenticeship and 4 yr univ.

Expected Start: 10/01/2015

Expected End: 09/30/2017

Actual Start: 10/02/2014

Actual End:

Notes: 08/13/2015: University System of Ohio Talent Development Network collaborated on statewide Post-Secondary Adult Career Education conference. Worked with State of Ohio Apprenticeship Council; attended conferences to gain best practice knowledge on collaboration. 11/12/2015: Affinity Groups have continued to meet, resulting in increased collaboration among partner colleges. Select consortium member collaborated with career centers to become registered apprenticeship sponsor.

Activity ID: 4

Status: Ongoing

Activity Type: Activity

Project Goal: 2.3 Strengthen Emplr Roles

Narrative: Strengthen employer roles as design and delivery partners

Expected Start: 07/01/2015

Expected End: 09/30/2017

Actual Start: 01/05/2015

Actual End:

Notes: 08/14/2015: Team 2 is researching and developing employer engagement tools. OTN is also collaborating with LIFT and OBOR to launch Ohio Manufacturing Careers Council and engaging employers in planning committees, advisory committees, work groups, focus groups. 11/12/2015: Seminar with The Manufacturing Institute was held, which discussed employer engagement strategies and the new ROI tool. Employers have been engaged on advisory panels and via the OMCC to assist in program design and implementation.

Activity ID: 5

Status: Ongoing

Activity Type: Activity

Project Goal: 2.4 Online Learning

Narrative: Integrate new & replicate successful models of online tech-enabled competency based learning.

Expected Start: 10/01/2015

Expected End: 09/30/2017

Actual Start: 06/16/2015

Actual End:

Notes: 08/13/2015: Researched hybrid models; drafted Request for Information to gather information on potential providers and efficacy of programs; participated in nat'l conference on Competency Based Education hosted by previous TAACCCT grantees. 11/12/2015: Statewide Competency-Based Education conference attended; competency-based curriculum designed; course created using welding robot purchased with grant funds; Welding

Affinity Group created an RFP to solicit online welding program resources.

Activity ID: 6

Status: Ongoing

Activity Type: Activity

Project Goal: 2.5 Serving Veterans

Narrative: Adopt consistent approach to serving veterans

Expected Start: 06/01/2015

Expected End: 09/30/2017

Actual Start: 06/16/2015

Actual End:

Notes: 08/13/2015: Planned July seminar with The Manufacturing Institute focused on Get Skills to Work. LCCC organized Boots to Business workshop with SBDC, postponed due to low enrollment. Will work with veteran service agencies to revise outreach and reschedule.

11/12/2015: Partners are involved at multiple levels in honing services and strategies to accelerate the transition of veterans to manufacturing careers, working with campus groups, OhioMeansJobs, veteran services, Hire a Vet, NEOVETS, and other initiatives.

Activity ID: 7

Status: Ongoing

Activity Type: Activity

Project Goal: 2.6 Safety Education

Narrative: Expand degree options and credit-bearing education and training for safety professionals

Expected Start: 02/28/2015

Expected End: 09/30/2017

Actual Start: 02/28/2015

Actual End:

Notes: 05/07/2015: Preliminary discussion regarding scope of work for safety contractor.

08/14/2015: LCCC hosted the Assistant Secretary of Labor for OSHA and industry partners for Workers' Memorial Day. OTN contracted subject matter experts to support project management related to deliverables for the safety education and training component.

11/12/2015: Statewide Safety Industry Council was launched to help design/create the Safety Career Pathway. Representatives from OSHA, industry, workers comp, and education attended. Partners also report embedding OSHA training into technical fields of study.

Activity ID: 8

Status: Ongoing

Activity Type: Activity

Project Goal: 3.1 Systems Integration

Narrative: Replicate successful models of community college/workforce systems integration

Expected Start: 01/01/2015

Expected End: 09/30/2015

Actual Start: 01/01/2015

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Quarter Ending: 09/30/2015

Actual End:

Notes: 05/07/2015: Engaged local WIB as a partner and held preliminary conversations about using Ohio's state-level case management system.

08/13/2015: Met with local WIB partner to discuss data management and previewed OTN's special office in Ohio's Workforce Case Management System (OWCMS). Crosswalked data fields in the Participant Intake Form to fields in the OWCMS.

11/12/2015: Continued work with ODHE, ODJFS and local WIB to foster collaboration; connecting with local WIBs and college workforce development departments; Pathway to Employment model created through prior TAACCCT grant at Cincinnati State will be replicated.

Activity ID: 9

Status: Ongoing

Activity Type: Activity

Project Goal: 3.2 Completion Agenda

Narrative: Align activities to Ohio's completion and student success agenda

Expected Start: 06/30/2015

Expected End: 09/30/2017

Actual Start: 06/16/2015

Actual End:

Notes: 08/14/2015: Work Team 3 was launched. Its goal to expand best practices that redesign student intake, success, and placement support the alignment of activities to Ohio's completion agenda.

11/12/2015: Navigator Affinity Group launched to share best practices for student intake, success, and placement; Integration of TAACCCT activities within colleges' overall completion agenda and teams; PLA work which supports student success is advancing.

Activity ID: 10

Status: Ongoing

Activity Type: Activity

Project Goal: 3.3 Self Employment

Narrative: Expand training for entrepreneurship focus on professional/technical services for adv mfg

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 01/01/2015

Actual End:

Notes: 05/14/2015: Spring Boots to Business program scheduled with SBDC team at Lorain County Community College.

08/13/2015: LCCC serves dislocated workers through DOLETA supported self-employment training initiative; will design strategies for sharing lessons learned. OTN collaborating to plan regional entrepreneurship event for Fall focused on diverse talent.

11/12/2015: Rhodes SBDC and Columbus State considering replication of "Boots to Business" program; Sinclair maintenance training program also supports entrepreneurs; Fab Lab in development at Zane State will support entrepreneurship.

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Deliverable ID: 1

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 1 Finalize evaluation plan

Narrative: Finalize evaluation plan with appropriate IRB approval

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 01/01/2015

Actual End:

Notes: 05/07/2015: Contracted with program evaluator and initiated development of delivery plan.

08/14/2015: The evaluation team of New Growth Group, working with the Ohio State University's OERC, the OTN project team, college partners, and the OH Dept of Jobs and Family Services, prepared the evaluation plan, which LCCC submitted to DOL on 5-15-15.

11/12/2015: The evaluation plan is complete and has been approved. Reviewer notes were received and are the focus of discussion with our evaluation team.

Deliverable ID: 2

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 2 Data Management System

Narrative: Common Data Management Systems in place

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 10/06/2014

Actual End:

Notes: 05/07/2015: Engaged local WIB as a partner and held preliminary conversations regarding use of Ohio's case management system.

08/13/2015: Met with local WIB partner to discuss data management and previewed OTN's special office in Ohio Workforce Case Management System (OWCMS); crosswalked data fields in the Participant Intake Form to fields in the OWCMS; drafted data sharing agreements.

11/12/2015: Data management systems are in place to consistently capture participant data. Work continues with State of Ohio and evaluation team to proceed on use of the states' case management system for OTN as part of a workforce transformation agenda.

Deliverable ID: 3

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 3 Website launch

Narrative: Ohio Tech Net website launch

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 10/01/2014

Actual End:

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Notes: 05/07/2015: Expanding use of SharePoint as a collaborative tool for consortium. Preliminary conversations regarding integrating this with public website.

08/14/2015: Communications plan was drafted. Website is a priority for Q4 and Q5.

11/12/2015: Compiling a request for bids for a consultant to help manage the communication plan and strategies for OTN, including development and management of strategies for the website launch.

Deliverable ID: 4

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 4 Benchmark report

Narrative: Benchmark report

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 01/01/2015

Actual End:

Notes: 05/07/2015: Conversations with Employer Engagement Specialist in support of CCWC meeting with college presidents in September 2015.

08/13/2015: Report in development.

11/12/2015: A partners meeting on PLA was held which will provide information for a benchmark/strategy report to be created by the contractor, CAEL.

Deliverable ID: 5

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 5 Inventory of Strategies

Narrative: Annual inventory of strategies adopted/replicated at partner colleges.

Expected Start: 06/30/2015

Expected End: 09/30/2017

Actual Start: 06/16/2015

Actual End:

Notes: 08/14/2015: Work Team 2 launched. Annual inventory of strategies is in development. OTN is collaborating with LIFT (lightweight materials NNMI) to pilot Manufacturing Readiness Program at several partner schools.

11/12/2015: This was initially discussed in Q3. We created a baseline of information by creating a statement of work document for each partner college. Team 2 will continue work to compile ongoing data in Q5.

Deliverable ID: 6

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 6 Toolkits

Narrative: Toolkits created or linked via Ohio TechNet site.

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Expected End: 09/30/2017

Actual Start: 06/16/2015

Actual End:

Notes: 08/13/2015: Work Teams 1, 2, and 3 were launched, which will develop toolkits relevant to team goals.

11/12/2015: A toolkit for replication of Right Skills Now, an accelerated training model for machining, is in development. Other toolkits will be created over the course of the grant.

Deliverable ID: 7

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 7 AMCP web page

Narrative: Advanced Manufacturing Career Pathways web page updated in partnership with OMJ/Ed/Ind/Wkfc partners

Expected Start: 09/01/2015

Expected End: 09/30/2017

Actual Start: 06/15/2015

Actual End:

Notes: 08/14/2015: Partnership with state of Ohio and LIFT to launch Ohio Manufacturing Careers Council, led by manufacturing CEO's, will drive development of website.

11/12/2015: OTN supported the launch of Ohio Manufacturing Careers Council, an industry-led initiative with 3 areas of focus: outreach/career awareness; skills/education; product commercialization. Career pathways mapping is part of this collaboration.

Deliverable ID: 8

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 8 State wide templates

Narrative: Templates and matls to support consistency in outreach, career advising, and employer engagement

Expected Start: 07/01/2015

Expected End: 09/30/2017

Actual Start: 06/16/2015

Actual End:

Notes: 08/13/2015: Work Team 3 was launched, which will support the adoption of consistency in outreach, career advising, and employer engagement by developing templates. CSTCC is ready to share the PTEC model and its tools and resources.

11/12/2015: A communications consultant is in process of being engaged to develop templates and materials. The Navigator Affinity Group launched which also supports consistency in advising. Employer engagement locally and via OMCC further supports this work.

Deliverable ID: 9

Status: Ongoing

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Deliverable Type: Deliverable

Project Goal: 9 Comparative Analysis

Narrative: System to enable analysis of tools/approaches by partners in completion, outcomes, employer satisfaction.

Expected Start: 10/01/2015

Expected End: 09/30/2017

Actual Start: 06/16/2015

Actual End:

Notes: 08/13/2015: Work Team 3 will create toolkits for employer engagement in intake, success, and placement.

11/12/2015: Individual partner dashboards on participant results, as well as a single page summary of each college's focus or Statement of Work, have been created to allow for ongoing updates to schools and analysis of best practices for continuous improvement.

Deliverable ID: 10

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 10 Get Skills to Work

Narrative: Expanded adoption of Get Skills to Work and statewide tools for outreach/marketing

Expected Start: 06/01/2015

Expected End: 09/30/2017

Actual Start: 06/16/2015

Actual End:

Notes: 08/13/2015: Work Team 2 will develop tools for outreach materials for Get Skills to Work and Boots to Business. Planned July seminar with Brent Weil from The Manufacturing Institute with a focus on Get Skills to Work.

11/12/2015: Based on updated information, OTN is focusing on engagement and service to veterans in general, not only under the Get Skills to Work brand or model. Veteran outreach and acceleration strategies are a primary focus for OTN.

Deliverable ID: 11

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 11 Safety enrollment system

Narrative: Dual enrollment system between OSH Training Institute coursework and community colleges established

Expected Start: 02/28/2015

Expected End: 09/30/2015

Actual Start: 02/15/2015

Actual End:

Notes: 05/07/2015: Preliminary discussions regarding scope of work for safety contractor.

08/14/2015: OTN contracted with subject matter experts to support project management related to deliverables for the safety education and training component, including engagement of industry partners for a statewide advisory council related to this component.

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11/12/2015: Statewide Safety Industry Council launched. Representatives from OSHA, industry, workers comp, and education attended. Q4 focus includes compliance with OSHA rules for use of OSHA Training Institute curriculum and OER rules for TAACCCT.

Deliverable ID: 12

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 12 Safety Degree Pathway

Narrative: Articulated degree pathway and a professional certificate program

Expected Start: 02/28/2015

Expected End: 09/30/2017

Actual Start: 02/28/2015

Actual End:

Notes: 08/14/2015: Work Team 1, working with a statewide industry council comprised of subject matter experts, will assist in developing a Safety Degree Pathway.

11/12/2015: Statewide Safety Industry Council was launched to help design/create the Safety Career Pathway. Representatives from OSHA, industry, workers comp, and education attended. Partners also report embedding OSHA training into technical fields of study.

Deliverable ID: 13

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 13 Participant Outcomes

Narrative: Agreements in place with state and regional workforce leaders for coordinated tracking and reporting

Expected Start: 10/01/2014

Expected End: 09/30/2017

Actual Start: 01/01/2015

Actual End:

Notes: 03/20/2015: using Ohio's Workforce Case Management System

08/14/2015: OTN benefits from an extremely collaborative relationship that exists with our local WIB and state agencies. Our local WIB partner spearheads OTN's use of state systems for data management. This is critical to transformational change.

11/12/2015: Work continues with the State of Ohio and evaluation team to move forward on use of the states' case management system for Ohio TechNet as part of a workforce transformation agenda.

Deliverable ID: 14

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 14 Best Practices Repository

Narrative: Repository of Ohio best practices and technical assistance

Expected Start: 06/30/2015

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Actual Start: 06/16/2015

Actual End:

Notes: 08/13/2015: Work Teams will research best-practices relevant to team goals. During successful June Collaboration Meeting with consortium partners, resource sharing took place. Partners volunteered to develop repository.

11/12/2015: OTN uses SharePoint to share information, templates, best practices and links to important technical assistance. The OTN website will be an additional resource to share information with a broader audience, and OMCC is anticipated to complement this.

Deliverable ID: 15

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 15 Replicate Boots-to-Biz

Narrative: Replicate Boots to Business SBDC program

Expected Start: 10/01/2015

Expected End: 09/30/2017

Actual Start: 01/05/2015

Actual End:

Notes: 08/14/2015: Work Team 2 will develop tools for outreach for Boots to Business. A spring Boots to Business workshop organized by LCCC with the SBDC was postponed due to low enrollment. LCCC is working to revise outreach strategies with veteran agencies.

11/12/2015: Rhodes State SBDC and Columbus State are looking to replicate Boots to Business program.

Deliverable ID: 16

Status: Ongoing

Deliverable Type: Deliverable

Project Goal: 16 Maker Movement White Paper

Narrative: White paper on Maker Movement initiative and implications for TAA/veterans pursuing self employment.

Expected Start: 10/01/2015

Expected End: 09/30/2017

Actual Start: 06/16/2015

Actual End:

Notes: 08/13/2015: Work Team 3 was launched and will support this deliverable. This team is charged to create a Maker Movement white paper. LCCC launched plan to host Ohio Makes conference in October 2015.

11/12/2015: Fab Lab in development at Zane. LCCC in process of expanding Advanced Technology Center to include Additive Mfg Lab and Digital Processes. Models from CCC's previous TAACCCT investment to create an additive manufacturing center leveraged.

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E. Status of Progress and Implementation Measures

No strategies recorded

F. Key Issues and Technical Assistance Needs

Title	Description
Faculty and Staff Recruitment	At Lakeland, it continues to be a challenge to recruit Technical Welding Instructors who are available during the day and on weekends, additional Weld Shop Fundamentals Instructors, and a tutor to monitor the welding lab for technical support.
Equipment and Renovations	Stark submitted an Equipment Purchase and Renovation Modification Request to the DOL in August. Approval delays have affected Stark’s timeline to have the equipment in place, renovations completed, and programs launched. Lakeland works to identify a source of funds to purchase Virtual Welders.
Rental Space	Eastern Gateway has worked with Choffin Career Center to rent short-term and long-term space for their programs. After working with lawyers, an agreement has been reached. If approved, as anticipated, Eastern Gateway will rent space at Choffin at the beginning of the 2016.
Grants Spend	OTN projected Y1 spending to total approximately \$5.6M. Due to delays in hiring staff, equipment purchases, renovations and other unforeseen delays, actual spending in Y1 was approximately \$1.4M. OTN schools revised budgets to allocate the Y1 unspent funds to Y2, Y3 and Y4 as appropriate.

G. Best Practices, Promising New Strategies and Success Stories

Best Practices and Promising New Strategies

1 Responding to Industry Needs

In response to industry needs, the Statewide Safety Industry Council was launched to help design/create the Safety Career Pathway. Representatives from OSHA, industry, workers comp, and education attended. Ensuring compliance with both OSHA rules for use of OSHA Training Institute curriculum, and OER rules for TAACCCT has been an area of focus this quarter.

2 Veteran Recruitment

Stark State College and Stark County OhioMeansJobs (OMJ) collaborate to improve veteran recruitment via “Hire a Vet” initiative. Stark also works with Workforce Director and Veterans Outreach Representative in their region to explore “Honor Court Program”. Lorain, Cuyahoga,

Lakeland and Stark are collaborating with other organizations in northeast Ohio to support NEOVETS, an organization which supports the reintegration of the region's returning military families.

3 Affinity Groups

Ohio TechNet created Affinity Groups comprised of faculty, staff and other experts with a focus on the following: Welding, CNC-Machining, Industrial Maintenance, Navigators/Success Coaches. This collaborative approach of inviting representatives from 11 colleges to share best practices and consider new solutions has generated valuable strategies which are in various stages of development among the Ohio TechNet schools.

4 Recruitment Event

Zane State was awarded a grant by Country Music Television (CMT), funded by the Bill and Melinda Gates foundation, which will fund a recruitment event for Industrial Maintenance and Welding via a country music concert on campus. The focus is to increase enrollment in postsecondary programs which lead to certificates and degrees in economically-depressed communities. Candidates recruited at this event will become Ohio TechNet participants as they matriculate into TAACCCT programs at Zane State.

5 Talent Planning Strategies

OTN has partnered with University System of Ohio Talent Development Network at LCCC to replicate talent planning strategies that help employers, especially small and mid-size companies, determine skills gaps, and establish tools for recruiting and advancing talent to support business growth. Sinclair shared talent planning strategies at a CBE event, incorporating a multi-level approach which highlights the importance of engaging C-suite as well as HR and implementation staff.

Success Stories

1 Employability of Participants

Lakeland developed a model focused on employability of participants. A subject matter expert is available twice per week to assist students experiencing difficulty in comprehending welding concepts. Welding Employer Panel is in development to provide students an opportunity to learn about job opportunities, responsibilities, work environment, career pathways, and qualities of the ideal candidate. Select student received a substantial pay increase upon completion of Lakeland's welding program.

H. Additional Outcome Information

Ohio TechNet served 304 unique participants in Y1, exceeding the goal for Y1. Many of these participants started in Q4 and outcomes for these Q4 participants will appear on the Y2 APR. From a transformation agenda perspective, Ohio TechNet has already seeded new levels of collaborative

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action across the state to close the skills gap in manufacturing, which companies continue to share is their major barrier to growth. Ohio TechNet is providing a valued framework of tools, strategies and relationships to accelerate and sustain collaboration across colleges, workforce systems, industry groups, and emerging initiatives such as the National Network of Manufacturing Innovation Institutes.