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: 03/31/2015
Date of Submission: 05/14/2015

A. Quarterly Summary for Grant Activities

The structure and organization of OhioTech Net continued to develop. Affinity Groups were formed and numerous meetings held for TAACCCT staff and faculty for: CNC/Machining; Industrial Maintenance/Automation; Welding; and Grants Accounting. The Affinity Groups have had meetings with different on-line curriculum resources (ToolingU, Weld-Ed, SkillsCommon). Ohio TechNet members met with Ohio Board of Regents staff and deputy chancellor for economic advancement at Lorain County Community College on January 23, 2015 to focus on ideas for leveraging TAACCCT investments to create a statewide manufacturing career initiative, with the potential for the State to assist in convening CEOs of manufacturing companies both those that have already committed to partnering; identifying and leveraging existing State of Ohio resources, initiatives and activities to collaboratively support the overall TAACCCT goal. New Growth was selected as the project evaluator. Lincoln Electric hosted a meeting of partners to discuss the development of their online classes that align with American Welding Society standards. Equipment and facilities renovations lists were submitted to DOL for approval. Program activities specific to individual institutions included: development of recruitment and marketing plans; meetings with various Ohio Means Jobs offices and community agencies regarding the grant and the Workforce Innovation and Opportunity Act; development of Welding Career Pathways with employer engagement; Development of Toolkit of External Resources; development of data tracking system for enrollment, contacts, services; hiring of key grant positions and faculty; development and

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meetings of committees and advisory groups; curriculum review and development; issuance of institutional bids for trainers and equipment; participation in NIMS training programs; investigation of vendors to provide integration of current curriculum to web based; development of new certificate programs that includes validating content with industrial partners; planning meeting with MAGNET and members of the American Welding Society to discuss the grant program, employer expectations and program outcomes.

B. Status Update on Leveraged Resources

Provide an update on the organizations that contributed the resources:
N/A

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

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. Employer involvement included: participating on institutional program and curricular advisory committees to discuss key components, core competencies, aligning programs with industry needs, assisting with program design and job profiling; and on-line curriculum ideas and resources; providing assistance with equipment needs and specs; equipment demonstrations.

Outline specific roles and contributions of the employer(s) during this quarter.
Pioneer Pipe and Bi-Con provided equipment demos; Dayton Regional Manufacturing Association, Staub Manufacturing, Tech Solve, Gosiger, Yamada, Advios and Raymath providing input on workforce needs; Lincoln Electric presented on online welding courses; and a food tech employer, Argana, participated in meetings. Crane Aerospace, Earnest Machine, EMC Precision, General Plug, Nordson, Plidco, US Tsubaki, Watteredge, Whirlaway, Willis CNC are engaged in a pilot program.

Identify any challenges encountered/resolved in the development and management of the employer involvement. Identified challenges include: growing the student pipeline; employer commitment will require additional individual communication with industry leaders. Additional grant and institutional staff will focus on employer engagement and marketing will address student recruitment/pipeline issues.
Discuss new employers and commitments that may have been added to support the project. STERIS Corp. and Component Repair Tech assisted with a welding pathway. Columbus- Rimrock and Auto Tool are new participants. Hose Master, Alloy Bellows and Precision Welding, Stainless Works, Pucel Enterprises, Lincoln Electric, Great Lakes Towing, Cleveland Die and Manufacturing, and AT&F Advanced Metals participated in a Welding Program Outcomes Session.

Comments:
Next quarter we will separate out and report what companies are engaged that were originally committed to partner, and which are new partners, while determining the best format to share that within the online system.

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? No

Were internships or other work-based learning opportunities posted during this quarter? No

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

D. Timeline for Grant Activities and Deliverables

General Comments:
Ohio TechNet has five occupational areas of focus, which we are defining as programs for the purpose of this report: welding, CNC/machining, industrial maintenance, digital fabrication/industrial automation and occupational safety. Each partner has identified particular areas of concentration, per the list below. To facilitate collaboration, we have launched affinity groups. To date, affinity groups have launched for: welding, machining and industrial maintenance combined with industrial automation. Affinity groups area also launched for grant accountants. Cincinnati STC - welding Columbus SCC - welding, CNC, Ind Main Cuyahoga CC - welding Eastern Gateway CC - welding Lakeland CC - Welding Lorain CCC - Ind Maintenance, Welding, Occup. Safety Owens CC - Welding, Dig. Fabrication/Ind Automation Rhodes ST C - Dig Fabrication/Ind Automation Sinclair CC - CNC, Ind Maintenance, Dig Fabrication/Ind Autom Stark State College - Welding, CNC Machining Zane State College - Ind Maintenance Lakeland added a new Pipe Welding class, offered for the first time in March, 2015. Registration is full with 16 participants. The project evaluator was selected and work has begun to complete the evaluation plan and work with the State of Ohio to design use of the state case management system for participant tracking. Identification of work teams has also begun to ensure participation by all partners in work plan deliverables. Ohio Board of Regents hosted a meeting with all TAACCCT grantees in Ohio at Lorain County Community College in January to facilitate collaboration across grants and with the TAA for workers program at Ohio Department of Jobs and Family Services.
Other infrastructure completed this quarter includes completion of the partner handbook, submission of the equipment and renovation requests to DOLETA, implementation of reporting structures, and continuation of weekly consortium partner calls.

**How many programs are you planning to offer?**
5

**As of this quarter, how many programs have you launched to date?**
3
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.

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

Activity ID: 3
Status: Ongoing
Activity Type: Activity
Project Goal: 2.2 Enhanced Collaboration
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: No Notes Recorded for this Activity.

Activity ID: 4
Status: Ongoing
Activity Type: Activity
Project Goal: 2.3 Strengthen Emplyr 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: No Notes Recorded for this Activity.

Activity ID: 5
Status: Not Yet Started
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:
Actual End:
Notes: No Notes Recorded for this Activity.

Activity ID: 6
Status: Not Yet Started
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:
Actual End:
Notes: No Notes Recorded for this Activity.

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.

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
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.

Activity ID: 9
Status: Not Yet Started
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: 
Actual End: 
Notes: No Notes Recorded for this Activity.

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.
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.

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.

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

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.

Deliverable ID: 5
Status: Not Yet Started
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:
Actual End:
Notes: No Notes Recorded for this Deliverable

Deliverable ID: 6
Status: Not Yet Started
Deliverable Type: Deliverable
Project Goal: 6 Toolkits
Narrative: Toolkits created or linked via Ohio TechNet site.
Expected Start: 06/30/2015
Expected End: 09/30/2017
Actual Start:
Actual End:
Notes: No Notes Recorded for this Deliverable

Deliverable ID: 7
Status: Not Yet Started
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:
Actual End:
Notes: No Notes Recorded for this Deliverable

Deliverable ID: 8
Status: Not Yet Started
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:**  
**Actual End:**  
**Notes:** No Notes Recorded for this Deliverable

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**Deliverable ID:** 9  
**Status:** Not Yet Started  
**Deliverable Type:** Deliverable  
**Project Goal:** 9 Comparative Analysis  
**Narrative:** System to enable analysis of tools/approaches by partners in completion, outcomes, employer satisfn.  
**Expected Start:** 10/01/2015  
**Expected End:** 09/30/2017  
**Actual Start:**  
**Actual End:**  
**Notes:** No Notes Recorded for this Deliverable

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**Deliverable ID:** 10  
**Status:** Not Yet Started  
**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:**  
**Actual End:**  
**Notes:** No Notes Recorded for this Deliverable

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**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.
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: No Notes Recorded for this Deliverable

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

Deliverable ID: 14
Status: Not Yet Started
Deliverable Type: Deliverable
Project Goal: 14 Best Practices Repository
Narrative: Repository of Ohio best practices and technical assistance
Expected Start: 06/30/2015
Expected End: 09/30/2017
Actual Start: 
Actual End: 
Notes: No Notes Recorded for this Deliverable

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:  No Notes Recorded for this Deliverable

Deliverable ID:  16
Status:  Not Yet Started
Deliverable Type:  Deliverable
Project Goal:  16 Maker Movement White Paper
Expected Start:  10/01/2015
Expected End:  09/30/2017
Actual Start:  
Actual End:  
Notes:  No Notes Recorded for this Deliverable
E. Status of Progress and Implementation Measures

No strategies recorded
F. Key Issues and Technical Assistance Needs

<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Renovation Approval Timing</td>
<td>Institutions have been waiting on DOL approval to procure renovation, thus impacting program startup timeline and participant enrollment.</td>
</tr>
<tr>
<td>Course Instructor Availability</td>
<td>It is difficult to recruit welding instructors who are available during the day in order to offer day-time welding classes.</td>
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<tr>
<td></td>
<td>Welding program developers will be hired, one of whom will focus on recruiting instructors and their professional development.</td>
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G. Best Practices, Promising New Strategies and Success Stories

Best Practices and Promising New Strategies

1 State Systems Integration
Ohio TechNet (OTN) is expanding integration of state systems. Collaboration with the Ohio Board of Regents (OBOR) and Ohio Department of Jobs and Family Services (ODJFS) supports this best practice. OTN has partnered with ODJFS, through our local WIB to create a special office within the State Case Management System, and is leveraging the longitudinal data system in collaboration with OBOR, ODJFS and the Ohio Education Research Center for creation and use of the Employment Results Scorecard.

Success Stories

1 Ohio Manufacturing Initiatives
The Ohio Board of Regents hosted an in-person meeting of all TAACCCT recipients in Ohio at Lorain County Community in January 2015, along with representatives of the ODJFS to focus on ideas for leveraging TAACCCT investments to create a statewide manufacturing career initiative, with the potential for the State to assist in convening CEOs of manufacturing companies; and coordinating data collection and reporting for systems impact.
Affinity groups launched this quarter are a means to support collaboration by program experts across colleges. The work of the affinity groups is driven by the needs of the group. This structure will complement the more formal work teams, being launched in Q3, whose work is tied to work plan deliverables. Through affinity groups, faculty are speaking with other faculty or program coordinators, for example, about program models, equipment, employer needs, etc.