

REGIONAL CENTER NARRATIVE

1. Region at a Glance

Chief Administrator: Kathy Siebenaler Wilson, Ph.D.

Regional Coordinator	Office Location
Karen Bleeks	Northwest State Community College
Anna Diekman	The University of Toledo
Judy Ennis	Owens Community College
Stephen Peck	Rhodes State Community College/ University of Northwestern Ohio
Karen Rettig	Putnam County Educational Service Center
Dawn Wagner	Terra State Community College / Bowling Green State University

Total Budget - FY19 Pathway Development Grant:
\$317,877.84

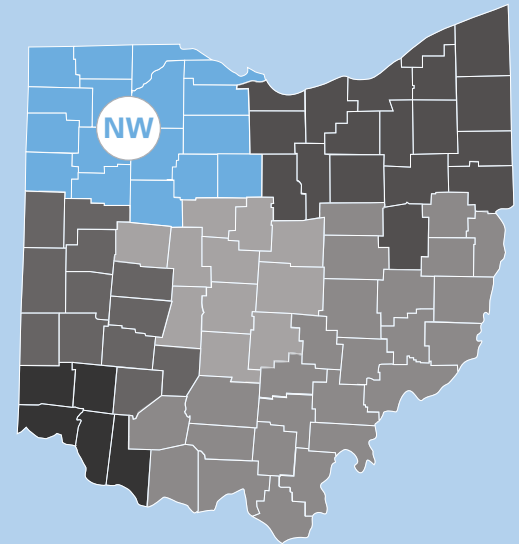
2. Regional Center Overview/History

For more than 25 years, Ohio College Tech Prep has been serving Ohio's students. Jointly administrated by the Ohio Department of Education (ODE) and Ohio Department of Higher Education (ODHE), Tech Prep's three goals are:

- To build and foster relationship between secondary/postsecondary education partners with business/industry;
- Develop Career Pathways and Programs of Study for students;
- Provide at no cost, valuable technical information to all stakeholders.

With the realignment to the JobsOhio regions, the Northwest Ohio Tech Prep Regional Center (the Center) has continued to provide direct access to business/industry partnerships for secondary/postsecondary schools. The Center encourages the sharing of ideas between business/industry and education to help each become stronger in the creation of jobs and economic success in our region.

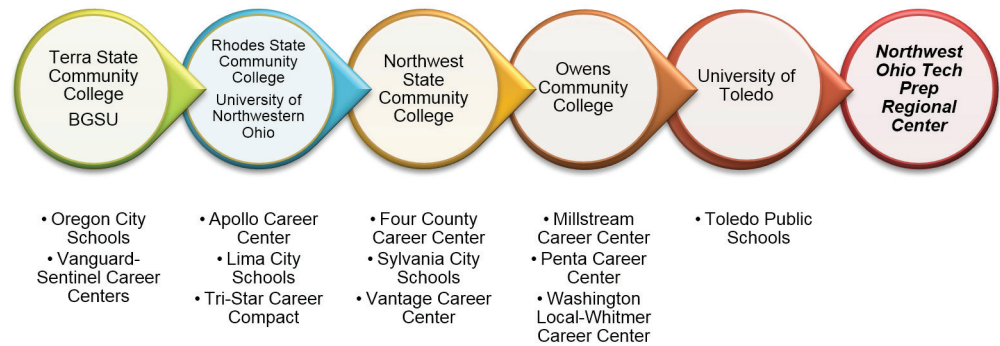
Our unique partnership with the Northwest Ohio High Schools that Work/Making Middle Grades Work (HSTW/MMGW) Regional Center and the University of Toledo (UT) CTE Teacher Preparation program makes us ideally suited to provide information to all stakeholders. This includes the development of career pathways and programs of study, and all students as they become the workforce of tomorrow.



Northwest Ohio Tech Prep Regional Center
2801 W. Bancroft Street, MS 924
Toledo, OH 43606
techprepnwo.org

Currently (June 2019) the Center partners with seven postsecondary partners, which include 12 career technical planning districts and 102 school districts as illustrated in the following figure:

(Note: Figure shows end of year partners)



3. Regional Center Activities and Services Overview

During the second year of the FY18-FY19 biennium, the Center has continued to use their experience, expertise and solid relationships with local, regional and statewide partners to fulfill the grant goals.

In order to meet the goals set forth in the grant, the Center utilized numerous strategies to fulfill all deliverables. Below is a sampling of the activities and services provided by the Center:

- planned and delivered a dynamic regional SuccessBound conference;
- fostered and increased partnerships with business/industry/workforce development/economic/legislative/apprenticeship leaders by inviting them to present or attend local and regional events, as well as serve on secondary/postsecondary advisory teams; made resources available to provide more WBL opportunities and break down previous barriers such as child labor laws and liability, i.e. Adecco;
- continued outreach efforts to business/industry and workforce/economic development representatives by taking an active role in advisory committees, career days, stakeholders meetings, etc. to give input about current needs of the labor market and skills needed by students. Distributed a regional survey collecting data on business/industry interest in providing WBL activities;
- invited secondary/postsecondary representatives to present at our stakeholder meetings to share best practices and collaboration strategies they use while working with local and regional business/industry for student/program success;
- participated in secondary/postsecondary events such as career days, open houses, college visit days and summer camps to provide information to students and parents about skills, industry certifications, and degrees needed to fill Ohio's in-demand jobs;
- served as a liaison between secondary/postsecondary faculty to develop more rigorous, aligned curriculum and instruction for student success, and stronger agreements for transferable credit;
- expanded opportunities for educators to visit and interact with local and regional business/industry by offering an Educator InThe Workplace program;
- provided CTE-26 application completion workshops to secondary schools serving as a "local" resource to help them navigate the administrative requirements for CTE funding, as well as, facilitating local and statewide college credit opportunities for programs of study. Once applications were submitted, we continued to provide support assisting them with application corrections.
- delivered Career Technical Assurance Guides (CTAG) submission workshops, created and renewed bi-lateral articulation agreements, and promoted College Credit Plus opportunities for new and existing CTE programs;

- supported statewide initiatives such as Industry Credentials, OhioMeansJobs Readiness Seal, Career Field Meetings, ODE CTE Regional Meetings, Perkins, other professional development on topics as requested;
- invited a STEM designated school to present at a stakeholder meeting to provide information to schools seeking STEM or STEAM designation or interested in innovative instructional approaches;
- utilized technology to communicate with stakeholders by means of a monthly newsletter “Quick-Bytes,” the Center’s web site and relaying updates and other information through program/content specific emails from the Center office and area coordinators on a regular basis;
- used remote conferencing services (ZOOM, Skype etc.) to improve communication between all educational institutions and to expand relationships with business/industry improving Center efficiency and sustainability;
- provided Course of Study workshops for secondary partners;
- partnered with HSTW to provide and facilitate quality interactive professional development and WBL opportunities including mentoring, tours, job shadowing, internship, co-op and apprenticeship opportunities;
- collected/reported data as required by ODE and ODHE, for local and regional use.

4. Highlights from Special Activities

State SuccessBound Conference

The Northwest Ohio Tech Prep Regional Center staff joined 21 area partners from secondary/postsecondary, business/industry, economic/workforce development and community organizations at the State 2.0 SuccessBound conference on December 6, 2018. These representatives continued on through the planning and delivery of the Regional SuccessBound Conference bringing education and business/industry together to build relationships and identify Work-Based Learning (WBL) opportunities.

The Northwest Region team developed three goals during the afternoon session:

- Goal 1: Build awareness of all entities in the region-education, business/industry, economic/workforce development, community organizations, etc.
- Goal 2: Promote better communication among all regional entities.
- Goal 3: Develop assessment methods and/or tools to help students choose career pathways earlier in their K-12 education, continuing into postsecondary.

From the leadership of the STATE Team members, the 3 goals were expanded upon and more action steps were developed at the Regional meeting.

Northwest Ohio Regional SuccessBound Conference

“SuccessBound 2019: SuccessBound in Action! Onward and Upward!” was attended by 154 individuals representing 81 schools, business/industry, economic/workforce development and community organizations. Jaime De La Cruz, Director of Organizational Capability, Marathon Petroleum Corporation, was the keynote speaker for the conference, who spoke about equity, diversity, inclusion; the value of partnerships and how to utilize them to their fullest.

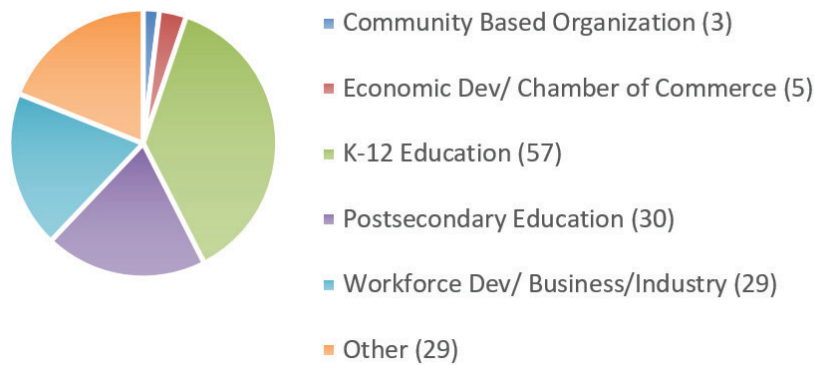
Cassandra Palsgrove, Program Administrator, ODE, presented an introduction session to participants new to SuccessBound. This included a thorough understanding of the mission and goals of SuccessBound. Simultaneously, Megan Schmidbauer, Owens Community College; Gary Barber, Tiffin

City Schools and Christina Kerns, Penta Career Center led a “2.0” session for previous participants to review the goals that were set by the team at the STATE SuccessBound Conference and discussed: “Where It’s At, Where It’s Going and How Do You Fit In”. Action steps were developed for each goal, utilizing the expertise of the participants, including reaching out to new participants with ways to effectively network locally, regionally and statewide. To conclude the conference all participants were brought back together to formulate “What’s Next – Action Steps!”

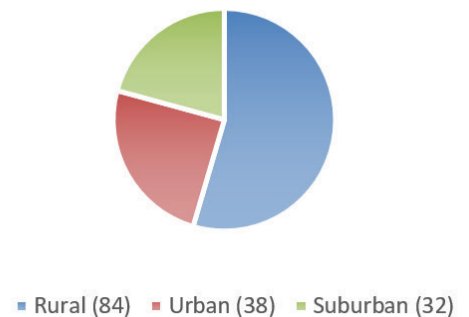
As a result of the Regional SuccessBound conference, a new partnership was formed between John Magill, Assistant Deputy Chancellor Economic Advancement and Cheri Rice, Associate Vice Chancellor, ODHE, and Leigh Esper, University of Findlay (UF). The partners spent a day at the UF, to learn more about the Center for Civic Engagement’s model and how it partners with Laurie Zydonik, Raise the Bar (Workforce Development), and Charles Bills, Ohio Logistics, from business/industry.

Another example of a new partnership is the one formed between Mark Bell, Security Outreach Coordinator, State of Ohio Adjutant General’s Department, Ohio Logistics and the Center. Cybersecurity training will be offered to our regional partners August 14-15, 2019, through a grant from the US Department of Homeland Security and FEMA. Presenting will be the Texas A&M Engineering and Extension Service, National Emergency Response and Rescue Training Center.

NW Ohio Successbound Registrants



Region



Career Technical Credit Transfer CT²/CTAG

In conjunction with ODHE, the Center sponsored 3 CT² Hands-on Application Workshops in the region for secondary partners. Workshops held August 17, November 8 and November 9, 2018, were attended by 36 secondary administrators and teachers from the region. Participants were instructed on how to access and utilize the many facets of the ODHE Career Technical Credit Transfer CT² website including how to find approved programs and courses, submission deadlines and contact persons. Participants also were instructed on how to access and navigate the CEMS web site and had the opportunity to complete an affirmation or full submission application for a CT². The Center continues to provide frequent support to our secondary/postsecondary partners by means of:

- serving as a CT² resource to secondary/postsecondary; also serving as a resource for students in need of further assistance;
- communicating/forwarding CEMS/CT² information provided by ODHE to secondary/postsecondary partner administration and staff;

- working with ODHE to track CT² submissions and assist the secondary/postsecondary partners with compliance and unresolved issues;
- Adding CEMS/CT² resources on our website including: listing of ODE courses/ programs approved in CEMS for credit; links to ODE/ODHE resources.

Career Advising Plan Workshop

Northwest Ohio Regional High Schools That Work and Northwest Ohio Tech Prep Regional Center staff hosted the 4th annual Career Advising Workshop on March 21 at the Owens Community College Findlay Campus. The one-day event was attended by six district teams including: Crestline High School; Tiffin Columbian High School; Millcreek-West Unity Middle School/High School; Sylvania Southview High School; Elgin High School; and, Paulding High School. Each district team consisted of an academic teacher, intervention specialist, CTE instructor and one other educator from any category. Teams were asked to identify one or more specific components of their Career Advising policy to initiate or strengthen, and prepare a site action plan to implement their ideas.

The program featured a virtual presentation by Cassandra Palsgrove, Program Administrator, ODE, who shared updates on resources and services available to sites. Several representatives from local business/industry also provided a panel discussion on their specific segments of the local economy and their employment challenges. Panelists included: Deanna Piekos, Director of Human Resources, Custom Glass Solutions by Guardian (Upper Sandusky); Debra Lamb, Director of Human Resources, Mennonite Home Communities (Bluffton); Heather Ward, Manager of Human Resources, DHL Supply Chain (Findlay) and Ben Brigham, Talent Development Manager, NIDEC (Minster).

Educator In The Workplace

June 10-14, 2019, was the Center's "Educator In The Workplace" professional development opportunity for academic teachers, career tech teachers, counselors and intervention specialists for grades 7-12. Educator participants were matched with local companies in their chosen career field spending a minimum of 15 hours with their designated company. The goal was for educators to learn firsthand about the current skills and education students need as they enter into the workplace. Participants attended an Orientation meeting where LuAnn Cooke, the Lieutenant Governor's Aide, talked about funding for the Tech Credentials bill which offset costs for businesses and industry training in technical fields. Additionally, participants were able to engage with a panel of local business people to further the discussion of workforce development. The panel members consisted of: Sue Clark, Executive Director, Bowling Green Economic Development; Barb Ford, Human Resource Director, City of Bowling Green; Dee Meyer, Human Resource Manager, Rosenboom Custom Crafted Cylinders and Liz Wright, Human Resources Director, Wood County Hospital. At the Exit meeting, participants listened and discussed the need for skilled workers with guest speaker Mary DeWitt, Wood County Workforce Administrator, OhioMeansJobs. The participants completed a final project which consisted of a lesson plan or reflection paper indicating how to incorporate the knowledge gained through their experience into their current position within their school district. Both educator and business participants gave the experience glowing reviews.

Workforce and Economic Development Collaboration with Education

Elevate Career Exploration and Job Fair

High school students across Putnam County had the opportunity to connect with potential employers at the 3rd Annual Elevate Career Exploration and Job Fair held March 19, 2019, at the Leipsic Community Center in Leipsic, Ohio. This event was collaboration among the Putnam County ESC, Putnam County OMJ, Ottawa Chamber of Commerce, Putnam County Community Improvement Corporation and the Center. More than 500 students from 9 area high schools and more than 80 adults attended. Over 40 companies participated in the job fair. In addition, 40 business professionals from the region donated their time and talents to talk with high school students about their careers at the Career Connection tables. This event grows every year connecting students and the community to jobs and careers in the Putnam County area. Over 20% of the students who participated completed a job application or found a job lead.

Work-Based Learning (WBL) Survey

The WBL Survey is distributed to schools and area companies to facilitate additional relationships between educators and business for the purpose of building quality career pathways for students. In FY19, the WBL Survey was distributed to over 200 area business/industry contacts to assess employers' needs. The feedback is circulated to career centers and local school districts geographic proximity to responding businesses in order to facilitate collaborative partnerships. This project will be continuously implemented throughout the region to expand the database.

Creating Barrier Free Pathways to Apprenticeship

The Toledo Electrical Joint Apprenticeship and Training Committee (JATC) has established the Electrical Internship Pre-Apprenticeship Program. This program for high school juniors and seniors has the primary goal of preparing participants to enter the JATC apprenticeship program. It consists of two training components classroom and on-the-job-training. During the training, participants have an opportunity to work as a paid intern with a signatory employer on a construction job after completing their junior year in a participating Electrical Technologies program (VOTECH). After working and training for the contractor during the summer of their junior year, the participating schools have committed to a week on the job and a week in the classroom to continue the student's high level training during the senior year. Helping to overcome one of the challenges facing students who want to be a part of this program is transportation. The National Electrical Contractors Association (NECA) secured 30 driver's education scholarships for Toledo Public Schools Construction students. The importance of independent transportation for students entering the workforce is one of the most critical challenges high schools are contending with statewide.

Stakeholder Meetings

The bi-annual Stakeholders meetings actively promote the alignment between education and business/industry by promoting issues that will be of interest to all. The 76 attendees at the Fall Stakeholders meeting received information from Brian Dicken, Vice President, Advocacy and Public Policy for the Toledo Chamber of Commerce. Attendees were also treated to an example of a business and education collaboration through a presentation by Oregon City Schools and Sun Federal Credit Union. Clay High School has a credit union located inside that is managed by the CTE Marketing class. A panel of four new college presidents in Northwest Ohio, Dr. Steve Robinson, Owens Community College; Dr. Ronald Schumacher, Terra State Community College; Dr. Michael Thomson, Northwest State Community College and Dr. Rodney Rogers, Bowling Green State University spoke of their educational philosophies

and the role of career technical education at their individual colleges. In addition a report by the SuccessBound Steering Committee was presented and closing remarks were given by Dr. Raul Soto, Associate Director, ODE, Career and Technical Education.

The Spring Stakeholders meeting hosted a presentation by Dr. Kaydee Anstead, Assistant Superintendent of Perrysburg Schools of Hull Prairie Intermediate School, the first ODE designated STEM school in our area. Following this, a panel was featured on STEM/STEAM Education into postsecondary featuring Dr. Dan Burklo, Northwest State Community College; Tracy Campbell, Owens Community College and Dr. Donald Elswick, University of Findlay. A student career tech success story featured Jeremy Scheiderer, a Millstream graduate and current Senior Director of IT Development at Tour de Force, Inc. The program concluded with Cayla Screffler, Northwest Ohio District Representative from Senator Rob Portman’s Toledo office, explaining the Jobs Act before the U.S. Senate.

PERFORMANCE/YEAR-END REVIEW

1. Main Pathway Development/Articulation Grant Work

Chart 1 represents the work completed by the Center in the career fields identified by ODE for transition in FY19 (for renewal in FY20): Business, Construction, Finance and Law and Public Safety.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created ¹	Average Number of Credits Available on AA ²	Statewide CTAG Completed During FY19 ³
Business	38	15	6	6
Construction	49	8	3	3
Finance	6	2	6	0
Law and Public Safety	9	5	8	1
FY19 Total	102	30	23	10

1 Includes bilateral and statewide articulated credit fostered, renewed/updated, or created in the current FY19 with the assistance of Tech Prep.

2 The average number of articulated credits includes all articulation agreements available, including legacy agreements that are still active and those created, renewed/updated in FY19.

3 Includes all statewide CTAG submissions completed with Tech Prep assistance during the FY19, including secondary and postsecondary populations. A completed submission is in a status of approved, and available for secondary or postsecondary use.

Chart 2 reflects work done beyond the slated scope of work identified for FY19. This details support provided to secondary/postsecondary beyond the mandated career fields in Chart 1.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created ⁴	Average Number of Credits Available on AA ⁵	Statewide CTAG Completed During FY19 ⁶
Agriculture	5	10	4	10
Arts/Communication	3	11	9	2
Career-Based Intervention	3	0	0	NA
Education	0	7	3	4
Engineering	5	4	4	5
Family and Consumer Science	1	0	3	0
Health	3	10	5	4
Hospitality	2	2	4	1
Human Services	0	4	17	0
Industry Credential Only	23	0	0	NA
Information Technology	3	9	4	9
Job Training Coordination	7	0	0	NA
Manufacturing	3	6	4	4
Marketing	0	2	6	0
Transportation	0	7	6	1
FY19 Total	58	72	69	40

⁴ Includes bilateral and statewide articulated credit fostered, renewed/updated, or created in the current FY19 with the assistance of Tech Prep.

⁵ The average number of articulated credits includes all articulation agreements available, including legacy agreements that are still active and those created, renewed/updated in FY19.

⁶ Includes all statewide CTAG submissions completed with Tech Prep assistance during the FY19, including secondary and postsecondary populations. A completed submission is in a status of approved, and available for secondary or postsecondary use.

Chart 3 reflects activities, events, professional development, support and outreach provided by the Center to our stakeholders (local and regional CTPDs and districts, colleges/universities and other partners), by both coordinators and chief administrator, such as:

- meetings with secondary and CTPD and district staff for the purpose of keeping them informed of Tech Prep activities, college credit opportunities, WBL opportunities and student transition opportunities to postsecondary partners;
- outreach to students within local area school districts; including job fairs, career exploration activities, and WBL events etc.;
- participation with local program advisory committees, business advisory councils and local stakeholder activities;
- career advising plan workshop and other professional development workshops;
- workforce/economic development support by attendance and board memberships;
- assistance and support for secondary/postsecondary with the completion of CTE-26 applications and CT²/CTAG.

Name of Activity/ Event (# of occurrences)	# of Stakeholder Attendees	# of Students	# of CTPDs Represented	# of Outside Partners Represented	# of PS Partners Represented
Course of Study (2)	26	0	2	2	0
(CT) ² Support Activities (12)	111	0	12	26	38
CTE 26 Application Training and Assistance (10)	110	0	17	21	0
CTPD/Secondary Support Activities (32)	1176	1167	62	125	56
Governing Board Meetings (7)	129	0	18	5	13
Pathway Support (7)	110	400	12	69	34
Postsecondary Support Activities (16)	105	9	11	22	35
Professional Development (18)	2061	107	277	100	57
Regional Stakeholders Meetings (2)	128	8	26	39	19
SuccessBound Conference Support/Activities (5)	365	25	18	73	40
Workforce/Economic Development Activities (49)	1784	533	96	250	126

WORK-BASED LEARNING

The following chart reflects Work-Based Learning fostered by the Northwest Ohio Tech Prep Regional Center based on new opportunities, learning agreements, connection between business and industry, and engagement of Adecco partnerships.

Level 1: Initial Engagement	Any Contacts, Meetings; including workshops, fairs with business/industry
Elevate 2019	48 business/industry invited and encouraged to host a job fair table or career exploration table, 9 school districts invited
NWO SuccessBound Conference	Outreach - Emailed over 2000 entities Jan through Mar 2019 recruiting for SuccessBound
Center for Innovative Food Tech (CIFT)	Engagement with 74 partner companies Aug through June 2019
Owens Transportation Technologies Expo Day	31 Area business/ Industry invited as well as 250 plus students from district high schools and career centers
Business/Industry WBL survey	Updated survey and sent out to over 200 business/industry contacts

Morning Access Breakfast, Toledo Chamber of Commerce	Oct 19, 2018 Attended to network; Topics: Tariffs and economic competitiveness, supply-chain relationships, changes in what manufacturers sell, rapid technological change on the factory floor, and the quest for TALENT. 150 attendees from including business, industry, education
Career Advising Workshop	Asked 4 business contacts to be part of a panel presentation for administrators participating in CAW regarding talent needs / requirements in the workforce
Educator InThe Workplace	Contacted 64 business/industries to be a mentor for the program
Millstream Career Center Recruiting Day	36 seniors visited with area business/industry
FAME Recruiting Days	Assisted with planning and facilitation, event held in 2019
Putnam County OMJ relationship with TP WFD Specialist	Dec 2018 to June 2019
Rhodesology Summer Career Camps	Assisted with planning and facilitation, event held in June 2019
Penta Career Center Mock Interview Day	40 employers invited and 200 students invited
Terra State Cybersecurity Summit	Over 100 businesses/community organizations invited and 6 school districts IT programs invited
Vanguard-Sentinel Stakeholder Luncheon	Dec 12, 2019 attended along with 114 business/educators to network
Terra State Job Fair	100 business/industries, postsecondary students and the public invited
Cybersecurity Workshops	Over 200 business/industries, postsecondary and the public invited
West Central Ohio Manufacturing Consortium luncheon	Dec 18, 2018 - 20 business, industry and postsecondary invited
Findlay Digital Academy	ADECCO provided WBL Information to the School
GSW Manufacturing - GSWYES Program	ADECCO provided WBL Information to the business, potential schools to connect with: Liberty Benton and Millstream
Liberty Benton Schools	ADECCO provided WBL Information to the school
Millstream Career Center	ADECCO provided WBL Information to the school
Miller City/New Cleveland Local School	ADECCO provided WBL Information to the school
MLS Systems	ADECCO provided WBL Information to the business
Penta Career Center	ADECCO provided WBL Information to the school
Putnam County ESC	ADECCO provided WBL Information to the ESC
RGP Northwest Ohio	ADECCO provided WBL Information to the school
Rhodes State College	ADECCO provided WBL Information to the school

Setco Inc.	ADECCO provided WBL Information to the business
Tiffin City Schools	ADECCO provided WBL Information to the school
Toledo Public Schools	ADECCO provided WBL Information to the school
Owens Community College, School of STEM Internship program	Contacted 17 businesses to participate
Level 2: Commitment	Contracts/Teacher, Business, Industry and District Approvals; ODE Work-Based Learning Toolkit Used and Adapted; Adecco (or other) Engagement in Initial Commitment Process
Elevate 2019	44 business/industry committed to participate by hosting a job fair table or career exploration table, 9 school districts with 500 students committed to attend
NWO SuccessBound Conference	54 business/industry/educators committed to present at the conference or host a table; 153 registered to attend
Center for Innovative FoodTech (CIFT)	Worked with ODE to establish 2 food industry credentials
Owens Transportation Technologies Expo Day	31 Area business/ Industry registered as well as 250 plus students from district high schools and career centers
Business/Industry WBL survey	17 additional business/industry responded and made an initial commitment to partner in WBL
Career Advising Workshop	4 business contacts agreed to be part of a panel presentation for administrators participating in CAW regarding talent needs / requirements in the workforce
Educator In The Workplace	June 10-14, 2019 Educators were placed with 22 business / industry mentors to shadow for 3 days. At orientation, 5 business representatives were in a panel that discussed workplace requirements, needs and training. Wrap up speaker was Workforce Administrator, Wood County OMJ
Millstream Career Center Signing Day	May 8, 2019 event held. 33 senior students signed contracts with 33 employers
FAME Recruiting Days	Signed 11 students
Penta Career Center Mock Interview Day	40 employers and 200 students participating
Terra State Cybersecurity Summit	Over 150 businesses/community organizations registered and 3 school districts IT programs students and teachers registered
Terra State Job Fair	70 business/industries, postsecondary students and the public invited
GSW Manufacturing - GSWYES Program	Business committed to participate in WBL program with Adecco, had inspection

Liberty Benton Schools	School committed to participate in WBL program with Adecco, scheduled tours and interviews
Owens Community College, School of STEM Internship program	17 businesses committed to participate
Level 3: Implementation	Credit Flex; Job Site Readiness; Student Supervisor/Transition Coordinator; Work Plan
Elevate 2019	Mar 19, 2019 - 44 of business/industry participated and met with 500 high school students and 80 adults for job fair, career exploration tables
NWO SuccessBound Conference	Mar 7, 2019 – Over 180 business/industry/ education/economic dev/community based organization persons attending
Center for Innovative FoodTech (CIFT)	Established the Food Industry Specialist Credential, 480 hrs of training and 500 hrs hands-on-experience and Food Industry Associate Credential, 120 hrs training and 100 hrs hands-on-experience
Owens Transportation Technologies Expo Day	Mar 20, 2019 - 31 Area business/ Industry represented as well as 250 plus students from district high schools and career centers; hands-on activities, industry, and current students who were giving demonstrations
Career Advising Workshop	Mar 21, 2019 Business panel presentation regarding talent needs / requirements in the workforce
Millstream Career Center Signing Day	33 students partnering with 33 employers
FAME Recruiting Days	Students will begin coursework in Fall 2019
Penta Career Center Mock Interview Day	Mar 8, 2019 with 40 employers and 200 students participating
Terra State Cybersecurity Summit	Oct 26, 2019 - 150 businesses/community organizations and 30 IT program students and teachers attended to learn about cybersecurity careers and preventing attacks
Terra State Job Fair	Mar 5, 2019 attended along with 70 businesses to network
GSW Manufacturing - GSWYES Program	Passed inspection, ready to start working with students
Liberty Benton Schools	School had tours and interviews, students did not show enough interest
Owens Community College, School of STEM Internship program	Over 60 students interested in participation

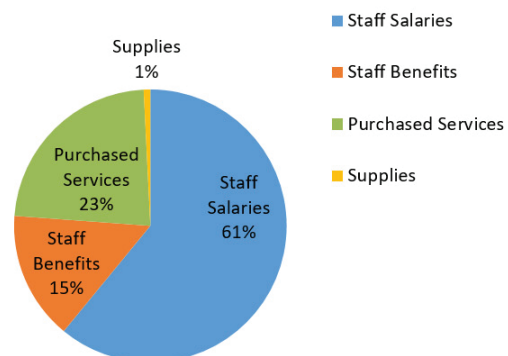
Level 4: Enrollment	Student Participation; Internships; Externships; Pre-Apprenticeships
Millstream Career Center Signing Day	33 students starting a career path with area employers
FAME Recruiting Days	Students will begin coursework in Fall 2019
Owens Community College, School of STEM Internship program	60 students enrolled with businesses for internship
Level 5: Assessment	Formative and Summative; Student-Based; Employer-Based; Observation (third party)
Elevate 2019	Positive Employer evaluation results; Positive School evaluation results
NWO SuccessBound Conference	Positive evaluation results
Career Advising Workshop	Positive evaluation results
Educator In The Workplace	Positive Mentor/Mentee evaluation results

FINANCIAL STATEMENT

The Center was provided with one funding source being the State Allocation of \$317,877.84 (with a separate award of \$7,500 for SuccessBound Conference).

Tech Prep Pathway Development Grant Banner Index 206307	
100 Staff Salaries	
Admin Staff	\$ 99,192.00
Other Salary	\$ 94,575.00
100 Summary	\$ 193,767.00
200 Staff Benefits	
Admin/Other (UT)	\$ 48,351.00
200 Summary	\$ 48,351.00
400 Purchased Services	
Travel, PD, Bus/Ind Events	\$ 15,439.84
College/ESC Sub-contracts	\$ -
Terra State	\$ 1,500.00
Rhodes State	\$ 32,700.00
Putnam Co ESC	\$ 23,620.00
400 Summary	\$ 73,259.84
500 Supplies	
Office, workshop, meetings	\$ 2,500.00
500 Summary	\$ 2,500.00
800 Other	
Support Services	\$.00
800 Summary	\$.00
Grand Total	\$ 317,877.84

Pathway Development Grant
Allocations



FY18-19 presented challenges with the cut back of funding. However, due to the tenacity and dedication of the Center's coordinators and support staff, progress was made and goals were met with the reduced budget. The Center continued a valuable partnership with the Putnam County ESC, which allowed a subcontract for the WFD Specialist on a part-time basis. Sub-contracts with Rhodes State College and Terra State Colleges allowed us the opportunity to support two coordinators. Northwest State College also contracted to support a coordinator at that location. Owens Community College and the University of Toledo facilitated the employment of two more coordinators. The Center was able to support both secondary/postsecondary partners in accomplishing the set goals and also to put forth extended outreach to develop partnerships between business/industry and education. The Center was awarded \$7,500 to host a Regional SuccessBound Conference in March, which was fully utilized. All funds will be expended by end of year.

Sustainability

In order to sustain the future of the Center, it is necessary to look into the future for opportunities to supplement state funding and utilize all available resources to insure that the goals set forth can still be met. The Northwest Region is/has been pursuing resources in the following areas: 1) Grant writing - utilizing federal, state, and local government, foundation and partnership type funding; 2) Regional investment - Regional Tech Prep locations are ideal entities to focus on expanding access to quality career pathways for all students in the state, strengthening the SuccessBound campaign and the goals found in the New Skills for Youth grant. Tech Prep regions include school districts, postsecondary partners, business/industry partners, workforce/economic development boards and community organizations who may be able to provide in-kind or financial contribution for services. Ohio Logistics stepped forward with support for the Cybersecurity Workshop to be held this coming August. This partnership will assist in obtaining support from other business/industry partners as they see the value of Tech Prep regionally and statewide. The Center will also sustain the networking established during SuccessBound by facilitating additional workshops featuring an emphasis on business/industry, parents and guidance counselors.

The Center will continue to have a Workforce Development Coordinator on staff to assist in identifying and aligning education pathways and programs that will attract business/industry to Ohio; 3) promoting awareness and interest in services available to not only educational institutions, but workforce/economic entities, including business/industry to show value in our partnership building and willingness to provide funds for our services; 4) Although it is hoped that services that have been of no charge to school districts will be able to remain free, regional needs of both education and business/industry will be analyzed and a possible fee structure for certain services, such as course of study workshops, training provided for businesses in working with employee engagement, retention, recruitment events etc. will be considered. The Center has strong working relationships with the HSTW/MMGW, UT CTE Teacher Prep Program, and the UT Office of Workforce Development. These partnerships give added strength in grant writing as well as the other areas listed above. Increasing relationships with the JobsOhio and OMJ Regional Offices offer opportunities to work toward additional support and possible funding sources.

PARTNERSHIP HIGHLIGHTS

Mercy Health is a strong partner of **Toledo Public School's (TPS)** health services programs, including serving on the Medical Technology program advisory committee, providing work-based learning experiences for students, and offering employment opportunities for graduates. Mercy Health also provides hands-on learning and job-placement for students with disabilities enrolled in the Career Technology Job Training Coordination program, and has partnered with TPS to support students with asthma.

Summer Manufacturing Camps Held in Defiance and Sherwood, Ohio

The Defiance County Economic Development Office held summer manufacturing camps for students entering grades 6-8 at two locations in June. Camps featured tours of area industries and a trip to Four County Career Center's construction lab to work on a project and General Motors. The camps are part of Senator Sherrod Brown's workforce initiatives. There are 19 counties across the state holding manufacturing camps this summer.

Bryan High School and **Northwest State Community College** are partnering to provide high school upperclassmen the opportunity to earn a certification from the Manufacturing Skill Standards Council, an industry recognized credential. As part of the program, students can also earn up to four college credits that can be used toward an Associate of Applied Science in Industrial Technology or one of several technical certificates at Northwest State Community College.

The **Vanguard Tech Center** was honored as a Model of Excellence for workplace skills for 2019. SkillsUSA recently named 24 SkillsUSA chapters as Models of Excellence for 2019. These schools are recognized for the exceptional integration of workplace and technical skills in their SkillsUSA chapter activities. This is the highest award bestowed on chapters by SkillsUSA, which is one of the largest student organizations for career and technical education. Vanguard Sentinel Career & Technology Centers will participate in the SkillsUSA National Leadership and Skills Conference in Louisville, Ky., June 24-28.

Millstream Career Center held a signing day for seniors and their new employers on May 8th. Thirty-three seniors with their family members and new employers celebrated this exciting day. Employers ranged from manufacturing, auto repair, construction, hair salons, bakeries, electrical companies, hotels, and the U.S. Army. These partnerships are truly something to celebrate and once again show that career center graduates find jobs that lead to successful careers right out of high school.

Penta Career Center was the host site of the 2019 SkillsUSA Ohio Northwest Regional Competition on February 15, 2019. This was the first time Penta hosted a regional event for SkillsUSA in more than 20 years. More than 500 area high school students, who study career-technical education programs, participated in the event. The event featured 38 competitions with nearly 22 schools in Northwest Ohio participating. Penta had 100 students compete and 39 students earned either a gold, silver or bronze medal and qualified for the Ohio SkillsUSA Championships.

Toledo Public Schools Career Technology Department partnered with Senator Sherrod Brown's office, local industry partners, and local businesses to offer "M.A.D.E" or Manufacturing and Design Experience, a unique Manufacturing experience for students in grades 4-7 during the week of June 10, 2019. The students participated in hands-on manufacturing activities taught by TPS Career Tech teachers and The University of Toledo instructors. Students were provided real life learning activities from the multitude of manufacturing businesses: Detroit Manufacturing Systems, Hirzel's Canning Company,

Rudolph Libbe, and The University of Toledo's Robotics Lab. Senator Sherrod Brown presented students with certificates on the last day of camp. Several Toledo and Lucas County representatives served on the planning committee, including Ann Orr, Director of Outreach, Office of U.S. Senator Sherrod Brown.

Exemplary Programs of Study

Six exemplary samples of Programs of Study created in FY19 are identified as:

Building Name:	District Name:	CTPD Name:	Pathway Code:
Apollo Career Center	Apollo Career Center	Apollo Career Center	Firefighting and Emergency Medical Services (P6)
Bryan MS/HS	Bryan City Schools	Four County Career Center	Business (C4)
Penta Career Center	Penta Career Center	Penta Career Center	Cybersecurity (N4)
Rogers High School	Toledo City	Toledo City	Finance (G2)
Vanguard Tech Center	Vanguard-Sentinel CTC	Vanguard-Sentinel CTC	Mechanical Electrical and Plumbing Sys (DE)
Whitmer High School	Washington Local	Washington Local	Criminal Justice (P1)

REGIONAL CENTER NARRATIVE

1. Region at a Glance

Chief Administrator: Wendell Meyers

Fiscal Agent: Sinclair Community College

Regional Coordinator	Office Location
Deb Holthaus	Edison State Community College
Barb Yontz	Clark State Community College

Total Budget: \$294,648 (main); \$7,500 (support)

2. Regional Center Overview/History

In FY2018, the Ohio College Tech Prep centers were reorganized to reflect the JobsOhio regions, prior to the West Region creation, our territory was split between the Ohio College Tech Prep Northwest and Southwest regions. The Ohio College Tech Prep Regional Center – West became its own region October 1, 2017 and encompasses 12 counties (Mercer, Auglaize, Darke, Shelby, Miami, Champaign, Preble, Montgomery, Greene, Fayette, and Clinton).

3. General Listing of Services

- Building and fostering relationships between education and business
- Developing Career Pathways and Programs of Study
- Disseminating technical information, through convening and engagement with stakeholders Build and foster relationships between education and business

The West Regional Center is organized to preserve and expand existing relationships while collectively promoting regional goals. The Regional Center – West services include but are not limited to:

1. Provide CTE-26/POS Workshops
2. Review and approve CTE-26 Applications
3. Create and process bi-lateral articulation agreements



Regional Center - West
Sinclair College
444 W 3rd St.
Dayton, OH 45402

4. Introduce and support the implementation of new career pathways
5. Promote college credit opportunities through local and regional workshops
6. Organize and facilitate local and regional CTAG Workshops
7. Identify and support Work-Based Learning Opportunities
8. Provide individual partner support and professional development
9. Serve as a liaison between state agencies and local partners
10. Conduct Steering Committee Meetings
11. Forge new Business and Industry Partnerships
12. Support Statewide Initiatives (Ohio Means Jobs (OMJ) Readiness Seal, Industry Credentials, New Skills for Youth Grant)
13. Organize and host Regional SuccessBound Conference

PERFORMANCE/YEAR-END REVIEW

Main Pathway Development/Articulation Grant Work

The following chart represents the work done by the Regional Center - West in the career fields identified by the Ohio Department of Education for transition in FY19: Business, Construction, Finance and Law & Public Safety.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available on AA
Business	23	17	11
Construction	21	15	14
Finance	3	16	10
Law & Public Safety	8	7	6
FY20 Total	55	55	10

The following chart reflects work done beyond the slated scope of work identified for FY19. This details the support provided to secondary partners beyond the mandated career-fields identified in Chart #1.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available (CTAG, bilateral and articulation agreements)
Agricultural & Environmental Systems	10	26	11
Arts & Communication	3	14	6
Business & Administrative Services	23	17	11

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available (CTAG, bilateral and articulation agreements)
Construction Technologies	21	15	14
Education & Training	2	15	3
Engineering	12	20	19
Finance	3	16	9
Health Science	8	23	19
Hospitality and Tourism	0	10	6
Human Services	2	8	6
Information Technology	13	28	21
Law & Public Safety	8	7	10
Marketing	0	15	8
Manufacturing	5	12	15
Transportation Systems (Auto & Aviation)	0	15	16
Statewide AA Completed		241	
FY19 Total	110	241	12

The following chart reflects events, professional development, and support systems provided by Regional Center – West beyond the work of articulation and credit transfer. Please be sure to include Success Bound Regional Conference.

Name of Event	# of stakeholder attendees (excluding students)	# of student attendees (if applicable)	# of CPTDs Represented	# of outside partners represented (Charter, private, parochial, etc.) (if applicable)	# of postsecondary partners represented (if applicable)
Clark State Agriculture Network Meeting	13	0	4	2	3
Clark State IT Network Meeting	18	0	3	2	5
Clark State Guidance Counselor meeting	18	0	3	16	6
Clark State Engineering Network Meeting	16	2	4	8	6
Fall Meeting with OHP staff	8	0	1	0	2
Fall Meeting with Springfield Clark	12	0	1	0	2

Dayton Development Coalition meetings for SuccessBound (3)	18	0	0	0	5
Health Technologies Day at OHP	5	66	1	0	2
Cybersecurity Awareness Day	11	70	2	0	8
Cybersecurity Awareness Day #2	13	88	2	0	9
CTE-26 Workshop (6)	196	0	36	34	62
Clark State CTAG Strategy meeting	12	0	0	0	12
Stakeholder's Meeting OHP	28	6	1	15	6
Stakeholder's Meeting MVCTC	40	4	1	27	8
Stakeholder's Meeting SCCTC	52	14	1	12	7
Clark State Career Center Strategy meetings (3)	15	0	0	0	15
College to Career Day at Clark State (4)	45	200	2	12	15
"Signing Day" at SCCTC (3)	15	150	1	0	6
UVCC Monthly Associate School Counselor Meeting (5)	25	3	1	4	1
CTE 26 One-on-One Facilitation Meetings (23)	28	0	3	0	1
Early Childhood Articulation Meeting	6	0	2	0	3
IT Articulation Meeting	8	0	2	0	3
Articulation Agreement Review Meetings (5)	30	0	3	0	10
Covington HS New Program Meeting (3)	6	0	1	0	2

Processed Application for Credit documents with Registrar for 23 career tech programs to award 1336 Edison articulated credits to 278 students	2	0	0	0	2
YWCA Connections Meeting (3)	25	0	0	19	1
UVCC Stakeholders Meeting (2)	40	5	1	35	2
ESCC Perkins Meeting	20	2	0	0	18
Intro to Healthcare Course Articulation Meeting	7	0	2	0	3
ESCC CTAG Meeting	6	0	0	0	6
ESCC Curriculum Committee Meeting (2)	15	0	0	0	15
Phelebotomy Certificate Meeting	7	0	1	0	2
Articulation 2018	300	0	14	30	20
State SuccessBound Conference	25	0	4	0	9
West Region SuccessBound Planning Meeting	18	0	1	3	10
West Region SuccessBound Conference	150	0	12	9	10
SuccessBound Coffee and Collaboration – Community Tissue Services	12	0	4	2	2
SuccessBound Coffee and Collaboration – AIDA-America	17	0	2	7	8
SuccessBound Coffee and Collaboration – Upper Valley Career Center	17	0	4	4	6
SuccessBound Coffee and Collaboration – Stebbins High School	15	0	1	10	5
Career Exploration Days (24)	67	2104	24	15	326
Dayton Development Coalition Meetings (6)	256		10	200	18

OhioMeansJobs Meetings (3)	27	2	3		10
Health Occupation Students of America (HOSA) Midwest Regional Competition	28	412	14	0	4
Tech Prep Showcase	60	1005	9		72
Tech Prep Teacher PD (10)	98	0	24	0	83
Dayton Area Career Tech Leaders Group Meetings (7)	49	0	31	0	13
Perkins Stakeholder Meeting (2)	74	0	30		26
Superintendent Meetings (1)	22	0	17	5	1
Sinclair Instructional Council (3)	75	0	0	3	75
Summer Bridge Program (3 days)	17	17	3	0	2
Advisory Committee Meetings (13)	104	13	13	0	65
CTAG Professional Development	77	0	4	4	10
Business, Marketing and Finance Career Fields Regional Meeting	23	0	6	5	7
Cyber Security State Wide CTE Meeting	108	0	17	25	55

WORK-BASED LEARNING

Relationships Between Business and Industry

The following chart reflects work-based learning fostered by the West Regional Center based on new opportunities, learning agreements, connection between business and industry, and engagement of Adecco partnerships.

Level 1: Initial Engagement	Any Contacts, Meetings; including workshops, fairs with business/industry
Shelby County Workforce Partnership Meeting	Meeting
Insurance Apprenticeship Meeting	Meeting
WBL - Setco Inc	Meeting
GSW Manufacturing - GSWYES Program	Meeting
MLS Systems	Meeting
New Cleveland Local School	Meeting
Findlay Digital Academy	Meeting
WBL Support Partner	Meeting
Jay Schindler Sales & Marketing - WBL Support Partner	Meeting
Sinclair College - Tech Prep Partnership	Meeting
Ply Gem Industries Inc. - WBL Business Partner	Meeting
Greenville Schools - WBL Education Partner	Meeting
Ohio Department of Education - WBL Support Partner	Meeting
Applied Mechanical Systems, Inc. - WBL Business Partner	Meeting
Hemms Glass Shops Inc - WBL Business Partner	Meeting
Fort Loramie Local Schools - WBL Education Partner	Meeting
Kettering Local Schools - WBL Education Partner	Meeting
Agrana Fruit US, INC - WBL Business Partner	Meeting
Greene County Board of Developmental Disabilities - WBL Support Partner	Meeting
Edison State Community College - WBL Education Partner	Meeting
Darke County Educational Service Center - WBL Support Partner	Meeting
Springfield - Clark Career Technology Center - WBL Education Partner	Meeting
Developmental Disabilities of Clark County - WBL Support Partner	Meeting
Clark County Educational Service Center - WBL Support Partner	Meeting

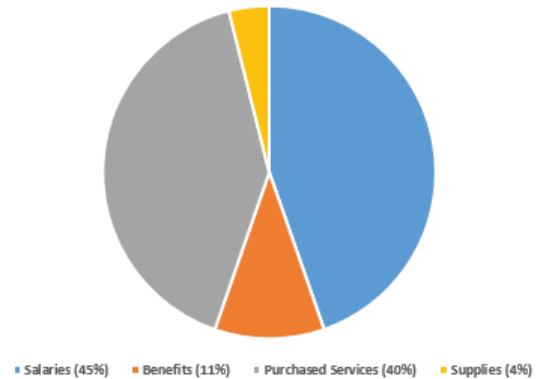
Dayton Development Coalition - WBL Support Partner	Meeting
Advanced Composites, Inc. - WBL Business Partner	Meeting
All Service Plastic Molding Inc. - WBL Business Partner	Meeting
Ferguson Construction - WBL Business Partner	Meeting
Mound Street Academies - WBL Support Partner	Meeting
Datwyler - WBL Business Partner	Meeting
Northeastern Local Schools - WBL Education Partner	Meeting
Leroi Gas Compressors - WBL Business Partner	Meeting
Springfield City School District - WBL Education Partner	Meeting
Klocker-Pentaplast of America, Inc - WBL Business Partner	Meeting
Springfield Chamber of Commerce - WBL Support Partner	Meeting
State Support Team - WBL Support Partner	Meeting
Centerville City Schools	Meeting
Stebbins High School	Meeting
Midwest Regional ESC	Meeting
Dayton Public Schools	Meeting
Yamada	Meeting
Clark County Developmental Disabilities	Meeting
Hobart	Meeting
FASTLANE	Meeting
Upper Valley Career Center Work Based Learning Program	Meeting
Sidney City Schools – Educational WBL Partner	Meeting
Miami Valley CTC – WBL Education Partner	Meeting
Hobart Corporation	Meeting

Level 2: Commitment	Contracts/Teacher, Business, Industry and District Approvals; ODE Work-Based Learning Toolkit Used and Adapted; Adecco (or other) Engagement in Initial Commitment Process
Upper Valley Career Center Work Based Learning Program	Meeting
Sidney City Schools – Educational WBL Partner	Meeting
Kettering Local Schools – WBL Education Partner	Meeting
Miami Valley – WBL Education Partner	Meeting
Benjamin Logan School – WBL Education Partner	Meeting
FASTLANE	Meeting
Level 3: Implementation	Credit Flex; Job Site Readiness; Student Supervisor/Transition Coordinator; Work Plan
N/A	N/A
Level 4: Enrollment	Student Participation; Internships; Externships; Pre-apprenticeships
Ohio Hi-Point – WBL Education Partner	Meeting
CAT Ohio	Meeting
Level 5: Assessment	Formative and Summative; Student-Based; Employer-Based; Observation (third party)
N/A	N/A

FINANCIAL STATEMENT

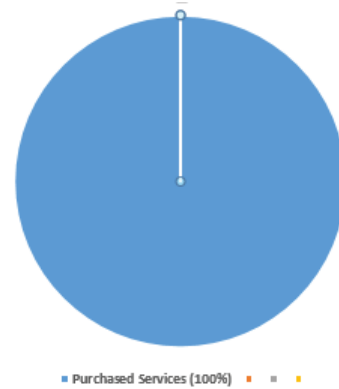
FY19 Total Tech Prep Pathway Grant Funding (Budgeted)

Category	Amount
Salaries (45%)	\$131,577
Benefits (11%)	\$31,401
Purchased Services (40%)	\$120,148
Supplies (4%)	\$11,522
Total	\$294,648



FY19 Tech Prep Support Grant

Category	Amount
Purchased Services (100%)	\$7,500
Total	\$7,500



Financial Summary

Sinclair Community College serves as the fiscal agent for the West Region in partnership with Clark State Community College and Edison State Community College to lead the West Ohio Tech Prep Regional Center. West Region funds are used to pay each institution. All three institutions submit monthly reports justifying the grant deliverables completed and submit quarterly invoices identifying how their allocation was spent.

Sustainability

The West Region's fiscal agent is Sinclair Community College in Dayton, Ohio. Sinclair is a significant member of the Miami Valley community, partnering with countless local businesses and community organizations in addition to the priority of serving students. The Dayton Area Career Technical Leaders (DACTL), a group of Career and Technical Administrators meet monthly to address ongoing initiatives, challenges and future goals within the West Region. DACTL assists and leverages the work of the Region. The West Region also partners with State Support Team Region 10, Educational Service Centers in Montgomery and Clark County, Ohio Means Jobs, and the Dayton Development Coalition, in addition to other community stakeholders, to remain abreast and in front of economic trends and changes that directly impact Career and Technical Education. The West Region staff serve on partners' Perkins Committees, hold regular Governing Board/Superintendent meetings, and work closely and consistently with Provosts and Instructional Council Stakeholders. Three grants are utilized to support the work of the West Region. Regional activities are tightly aligned to Ohio Department of Education and Ohio Department of Higher Education goals, minimizing costs. Working together, each entity is stronger and able to efficiently serve more students while minimizing duplicative efforts.

PARTNERSHIP HIGHLIGHTS

Manufacturing Engineering Pathway at Clark State

Clark State Community College has been approved to offer a Bachelor of Applied Science Degree in Manufacturing Technology Management. Students completing a Bachelor of Applied Science Degree in Manufacturing Technology Management are qualified to pursue management, supervisor, and team leader roles in manufacturing, distribution, and engineering related facilities. Training in this program includes hands-on technical labs in robotics, welding, computer numerical control (CNC), industrial maintenance, manufacturing, additive, and computer-aided design. Management skills are also embedded to give students the opportunity to have “real life” experiences in the areas of human relations, communication, project management, and business.

Students coming in to this program at Clark State may have become prepared for this field by participating in Project Lead the Way Engineering presented in 6 local high schools which offer Clark State college credit. Other students may have participated in the Ohio Hi-Point Career Center Applied Manufacturing/Smart Technology Engineering program and possibly earned up to 20 college credits. Students enrolled at Springfield Clark Career Technology Center have the opportunity to possibly earn 27 college credits. Students ages 12-16 may also learn about Manufacturing Technology by participating in the Nuts, Bolts & Thingamajigs (NBT), a summer manufacturing camp introducing the use of 3D modeling software to design and print a TIC-TAC-TOE board and pegs. Also available to high school students is the Engineering Innovation Program in conjunction with Johns Hopkins University, offered at Clark State from June 24 through July 19. Many opportunities await these students to become informed about Manufacturing in this region, starting at age 12, and resulting in a Bachelor’s Degree.

Cybersecurity Pathway at Clark State

Springfield Clark Career Center, Greene County Career Center, Springfield High School, Shawnee High School and Dayton Regional STEM School have all offered or will offer high school courses in Cybersecurity. ODE has now created a new pathway for Cybersecurity which will only enhance and support the programs in these high schools, which partner with the Clark State Cybersecurity/Information Assurance program.

Out of this program the Center for Cyber Defense Education was created. The mission of this Center is to provide high quality programs and courses that meet or exceed national academic standards and prepare Clark State graduates for the local cybersecurity workforce. Additionally, the Center works with local businesses and members of the community to increase awareness of the significant threats currently faced by owners and operators of information systems and by the public. Clark State’s Cybersecurity/Information Assurance program also has many additional opportunities for students through grants from National Science Foundation and the Department of Defense, leading to lucrative career opportunities for graduates.

Work-Based Learning for Upper Valley Career Center Students Based Upon Need

Upper Valley Career Center facilitates multiple work-based learning opportunities for students depending upon individual and employer needs. During the 2018-19 school year, 58 students in ten career technical programs apprenticed with area employers. Thirteen of these apprentices were in the manufacturing area. In addition, ten students began advanced placement in the fall which enabled

them to enhance their educational learning experience on the job. At semester, 60 eligible students took advantage of an early placement employment opportunity provided by 51 employers. Twenty-four of these students were in the Medical Careers Academy who were hired to utilize their STNA certification and nurse assistant training in a variety of medical settings. To help fill Premier Health's medical employment needs, the two institutions formed a partnership to create a new Patient Career Assistant position. Six students were placed as PCA's in specialty medical offices and one was placed in a hospital ICU setting. These students performed tasks under the direct supervision of one of Premier's Patient Care Technicians. Five of these graduating seniors were offered and accepted full-time employment with Premier. One student has chosen to work in a healthcare position in another setting and one will seek employment after taking the medical assistant certification test. All Upper Valley Career Center students are provided multiple opportunities to job shadow with a variety of employers in positions related to their program of study during their two years of career technical training. Each year, a day is scheduled during second quarter for a school-wide work-based learning/career exploration experience for all students. Each work-based learning experiences provides a student with an opportunity to explore a chosen career field to determine whether it meets his/her need and whether to continue training in that pathway and/or accept related employment or pursue another career.

Partnership Formed to Address In-Demand Manufacturing Needs

With a goal to increase awareness and interest in the manufacturing career field, a new partnership has been formed within the West Region. A Summer Manufacturing Camp has been developed with collaboration among Greenville High School Career Technical instructors and administration, Darke County Economic Development, Edison State Community College and four area manufacturers— Whirlpool Corporation, Ramco Electric Motors, Jafe Decorating Inc., and Midmark Corporation. From June 17-21, 2019, area students are invited to attend the first Darke County Summer Manufacturing Camp. This five-day camp is designed to help students explore the world of manufacturing and to help them discover what exciting careers are available locally in this in-demand career field. In the morning, campers will learn through hands-on activities and team projects; in the afternoon, they will tour the facility of a sponsoring manufacturer where they will see their morning learning applied in a real-world setting. The camp will conclude with a wrap-up meeting that includes parents/guardians to encourage their support for their student to stay local and train for a career in manufacturing.

Aviation and Unmanned Aerial Systems Bachelor's Degrees at Sinclair

The Ohio Department of Education has approved two new bachelor's degree programs for Sinclair Community College, previously the college only offered associate's degrees in the fields. The Aviation Technology program gives students the chance to become professional pilots, and prepares them to work in a variety of aviation-related industries including major and regional airlines, corporate aviation departments, fractional airlines and in aviation management and training. The new technical baccalaureate degree in Unmanned Aerial Systems (UAS) will prepare students for fields such as UAS operations and maintenance, data analysis, and sensor operations. The program also will prepare students for work in "diverse industries" such as infrastructure inspection, aerial mapping and surveying and security. Sinclair currently offers the only UAS degree and certificate programs in Ohio.

Cybersecurity at Sinclair Community College

The state of Ohio has supported a statewide initiative to recognize and support Cyber Security Pathways in the K12 CTE system. The Cybersecurity program of study falls under the Information Technology Career Cluster and the N4 pathway in Ohio. The Ohio Department of Education and the Ohio Department of Higher Education recognizes the CompTIA Security+ certification as part of the Career Technical Credit Transfer (CT)2 program. This cyber industry certification is now a requirement to work in Information Technology at any government facility. Now, when students of career technical courses earn the CompTIA Security+ certification, they will also receive credit for Sinclair's CIS2640 Network Security class. Sinclair is also working on an NSA Grant to Enhancing Associate Degrees for Information Technology Technicians and Professionals. Materials developed for Cyber Security through this grant will be distributed to all students in the WestTech Prep Region pursuing the N4 Pathway. The Sinclair Computer Information Systems department has also been awarded the National Science Foundation Grant to run the very first Collaborative Research project Community College Accelerated CyberCorps Pilot Program. This program is designed to train students to work in Cyber Defense for the Federal Government.

Edison and Upper Valley Career Center provides Health Science (JM) Pathway Options for Medical Academy Students to Earn Certifications

Edison State Community College and Upper Valley Career Center instructors have recently developed a plan for Medical Careers Academy students to complete the 33.5 hour Phlebotomy certificate requirement at Edison State Community College within the two-year high school program. This year, seven College Credit Plus students enrolled/attended on-campus Edison courses and earned articulated credit for the remainder of the required courses to earn this certificate. Program changes to begin Fall 2019 will shift STNA instruction for Medical Careers Academy students to Grade 11. During Grade 12, the student will choose to either continue in the patient care pathway by beginning the school's OTC Licensed Practical Nurse (LPN) training program or pursue a career in the medical assistant/medical records pathway. Coursework will lead to the achievement of specific health care certification(s) depending upon the pathway chosen. In addition, beginning Fall 2019, Upper Valley Career Center will begin offering the Grade 11 STNA training to students on Piqua High School's campus. They will then make a decision for Grade 12 where they will continue their education.

Upper Valley Career Center Expanding Construction (DE) Pathway by adding programs at the Associate Schools

Three DE pathway programs have been added by Upper Valley Career Center for FY '20 at satellite program locations—Piqua, Sidney and Troy High Schools—that will enable students to participate in Construction-related instruction at Grade 9 and Grade 10. This will provide an opportunity for students to explore the career field and determine whether they would like to continue specialized instruction in the Construction, HVAC/R or Electrical Trades fields at Upper Valley Career Center during Grades 11 and 12. Articulation agreements and approved CTAGs at Edison State Community College and Sinclair Community College will transcript college credit for students choosing to pursue a post-secondary degree in a related pathway.

Clark State Community College and Springfield Clark CTC partner for EMT-Basic Designation

Through a partnership between Clark State and Springfield Clark CTC, students may earn the Emergency Medical Technician basic designation, or EMT-Basic. This is an entry level classification and

the initial step to becoming an advanced EMT, paramedic, or registered nurse. Often students desiring to go on to trauma medicine, either as an RN, CNP, or MD, will find their passion in this class. EMT-Basic jobs can be found in a variety of healthcare settings, including pre-hospital care, hospital care, and private ambulance services. The average salary for all EMTs is about \$14 per hour. EMT-Basics with more experience or in areas with high demand can earn up to \$24 per hour. Many students continue their education in the emergency medical field, nursing, or other healthcare careers. In addition, students may also earn up to 10 additional college credits at Clark State.

Area Career Technical Education Centers partner with Clark State in response to regional demand for Welders

In response to regional demand for welders, Clark State has offered a pathway for local career center students to gain skills and college credits. Students at Greene County Career Center, Ohio Hi Point Career Center and Springfield Clark Career Technology Center may earn up to 17 of the required 21 college credits needed for a Clark State Community College Welding Certificate. A Clark State Welding Certificate is designed for students who wish to enhance their skills in areas related to SMAW, GMAW, GTAW, oxyacetylene, and plasma cutting. Welders may earn \$30,000 to \$49,000 annually according to Ohio Means Jobs. Students can then apply the program courses to the Manufacturing Engineering Technology Associates Degree.

Miami Valley CTC and Sinclair partner on Agriculture and Environmental Systems Pathway

This academic year, based on regional market labor data, Sinclair created an Agriculture Program, encompassing stackable certificates and an Associate's Degree as an additional pathway for high school career tech students to pursue. Sinclair's administration supported the design of this program based on the 20+% projected job growth in agriculture fields in the Miami Valley region and the pipeline of students enrolled in a high school career tech Agriculture program that did not have a local post-secondary option to pursue post-high school. In addition, Sinclair is uniquely positioned to couple Agriculture curriculum with the Unmanned Aerial Systems curriculum, to provide a unique pathway for students and market demand.

Beginning with the class of 2020, Sinclair and Miami Valley CTC plan to deliver the Agribusiness 16 credit hour short-term certificate to the students enrolled in the Agriculture and Livestock Production program, as a combination of CCP credit and CTAG credit. Student's ability to complete this short-term certificate prior to high school graduation will give them a marketable skill set and allow them to transition to Sinclair immediately following graduation, saving time and money towards their continued college credentials. These credentials will prepare students for jobs in this region or transfer to a four-year institution to pursue a bachelor's degree.

Stebbins High School Seniors earn Diploma, Sinclair Associate's Degree and STNA Credentials

Lizbeth Montoya Alvarado and Morgan Hoskins, graduates of Stebbins High School in the Allied Health and Nursing program, participated in a paid Internship as a PCS (Personal Care Specialist) at Hospice of Dayton. Lizbeth and Morgan received their STNA certification during their junior year, which enabled them to participate in the internship program at Hospice of Dayton. These outstanding students earned both an Associate's Degree in Liberal Arts from Sinclair Community College by participating in the College Credit Plus (CCP) and Tech Prep programs, and a high school diploma from Stebbins High School. Both students will continue pursuing their education in the medical field after graduation.

Six Exemplary Programs of Study

Secondary School District	Partner Post-Secondary Institution	Pathway Code
Springfield-Clark CTC	Clark State Community Collge	R7 - Manufacturing
Springfield-Clark CTC	Clark State Community College	N4 - Cybersecurity
Upper Valley Career Center	Edison State Community College	JM - Allied Health and Nursing
Upper Valley Career Center	Edison State Community College	DE - Mechanical, Electrical and Plumbing
Miami Valley CTC	Sinclair Community College	A0 - Agribusiness and Production Systems
Stebbins High School	Sinclair Community College	JM - Allied Health and Nursing

REGIONAL CENTER NARRATIVE

1. Region at a Glance

Chief Administrator: Carrie Scheiderer
Fiscal Agent: Columbus State Community College

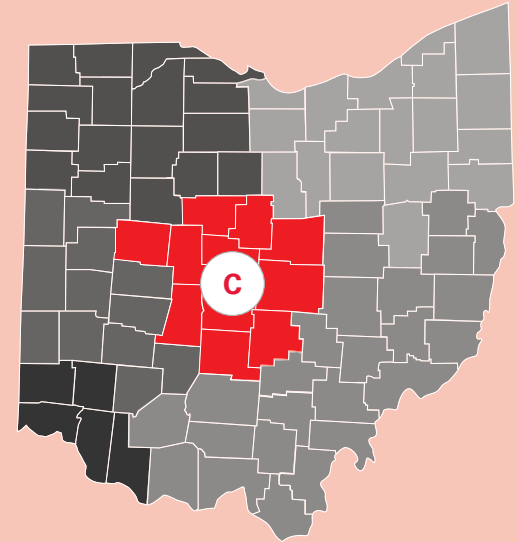
Regional Coordinator	Office Location
Carrie Scheiderer	Central Ohio Technical College (COTC)
Ruth Ann Falconer & Nancy Dawson	Columbus State Community College (CSCC)
Dave Gorenflo	Marion Technical College (MTC)

Total Budget: \$264,156.21

2. Regional Center Overview/History

The Central Region Ohio College Tech Prep Center was originally formed by consolidating three Tech Prep consortia. For the last two years, the Tech Prep Regional Centers have been aligned with the Jobs Ohio Regions. The Central Region now includes 11 CTPDs, 3 post-secondary partners, and 2 industry training partners. In addition to the partners listed below, the Central Region Tech Prep Center works closely with local and regional business and industry, Columbus 2020, local and regional economic development organizations, and chambers of commerce.

CTPDs	Colleges, Universities, and Apprenticeships
Columbus City SD	Central Ohio Technical College
Delaware Area CC	Columbus State Community College
Eastland-Fairfield CTS	Marion Technical College
Knox County CC	
Lancaster City SD	The Ohio State University (all campuses)
C-TEC of Licking County	The Electrical Trades Center
Ohio Hi-Point CC	Independent Electrical Workers
Pickaway-Ross CTC	
South-Western City SD	
Tolles CTC	
Tri-Rivers CC	



Central Region Tech Prep Center
 Central Ohio Technical College
 1179 University Dr.
 Newark, OH 43055

3. General Listing of Services

Central Region Tech Prep Goals:

- Build and foster relationships between education and business
- Develop Career Pathways and Programs of Study
- Disseminate technical information through convenings and engagement with stakeholders

Central Region Tech Prep Services:

- Organized CTE-26/POS Workshops
- Reviewed and approved CTE-26 applications
- Created and processed bi-lateral articulation agreements
- Organized and facilitated local and regional CTAG Workshops
- Promoted college credit opportunities through local & regional workshops
- Introduced and supported the implementation of new career pathways
- Identified and encouraged Work-Based Learning Opportunities
- Provided individual partner support and professional development
- Communicated regularly via a well-maintained Regional website (www.techprecentral.org)
- Served as a liaison between state agencies and local partners
- Conducted Steering Committee Meetings
- Forged new Business and Industry Partnerships
- Supported Statewide Initiatives (ie. Ohio Means Jobs (OMJ) Readiness Seal, Industry Credentials, New Skills for Youth Grant)
- Organized and hosted Regional SuccessBound Conference

Regional Coordinator Information

Chief Administrator, Carrie Scheiderer has 15 years of experience working in secondary and higher education and over 9 years of post-secondary leadership and management experience. For the past eight years, she has served as the Central Region Tech Prep Consultant for Central Ohio Technical College, and the Central Region Chief Administrator for the past two years. Carrie is a graduate of Ohio's Byrl R. Shoemaker CTE Institute, The National Career Pathway Network's (NCPN) Leadership Development Academy and the Association for Career and Technical Education (ACTE) National Leadership Fellowship Program. Scheiderer is ACTE Region 1 VP-Elect, serves on Ohio ACTE's Career-Technical Administrators' (OCTA) Executive Board, and is an advisory board member for NCPN's Leadership Development Academy. She also is a member of Young Leaders of Licking County through the Licking County Chamber of Commerce and GROW Licking County. Scheiderer also serves on ACTE's Region 1 Policy Committee. This year, Scheiderer was chosen to participate in ACTE's Post-Secondary Leadership Success Program which she will complete in December of 2019.

Regional Coordinator, Ruth Ann Falconer has over 40 years of experience in career technical education including 21 years of employment at the Ohio Department of Education (ODE) where she served as supervisor of Business Education for Ohio. She has expertise in curriculum development, assessment, program development and design, work-based learning, and student organizations at the local and

state levels. She has worked with business/industry representatives through local and state advisory committees, CTSO activities, and served as the State Director for Ohio's Ford Next Generation Learning Community Hub (Ford NGL). She has delivered presentations to professional organizations at the local, state, and national levels. She is a graduate of the Ohio Vocational Education Leadership Institute (OVLEI), currently the Byrl R. Shoemaker CTE Institute. She has also served in various leadership positions at the state and national levels for the Association for Career and Technical Education (ACTE), National Business Education Association (NBEA), and OBTA, An Association of Business/Technology Educators. Upon her retirement from ODE, Ruth Ann joined the Central Region Tech Prep Center where she served as the Center's Data Specialist and as a Coordinator for Columbus State Community College over the past six years.

Regional Coordinator, Nancy Dawson has 37 years of experience in secondary education: 17 years as a mathematics teacher and 20 years as a secondary school counselor. The first eight counseling years, she worked with students who left their home school to attend Eastland-Fairfield Career & Technical Schools (EFCTS). She was hooked on Career-Technical education as she observed the transformation in students' attitudes, maturity and focus as they developed skills in their career pathway of interest. As a result, she spent her last twelve years before retirement as the School Counselor at Fairfield Career Center. She has expertise in curriculum development, pathways develop and College Credit Plus management. After retirement, Nancy worked at the District Office of EFCTS as a Career Pathways Specialist working on CTE-26s and Articulation Agreements. Nancy joined the Central Ohio Tech Prep Region in January 2018.

Central Region SuccessBound Conference Overview

Representatives from education, business and industry, community organizations, and government agencies convened on February 21, 2019, at the Ohio University Campus in Dublin, Ohio, for the Second Annual Central Region SuccessBound Conference. Over 150 attendees participated in 2 general sessions and 24 breakout sessions. A planning committee including representatives from business and industry, education, and workforce development met monthly to assist in organizing the event. Featured speakers included representatives from organizations such as Columbus 2020, Ohio Health, JP Morgan Chase, Amazon, Ohio Contractors' Association, the Ohio Department of Education (ODE), the Ohio Department of Higher Education (ODHE), business and industry leaders, local chambers of commerce, workforce development groups, and secondary and post-secondary education. Sessions focused on building and implementing career pathways, initiating work-based learning experiences and developing other career preparation opportunities for students. Conference evaluations were positive with 90 percent of respondents expressing the intent to attend future conferences.

PERFORMANCE/YEAR-END REVIEW

Main Pathway Development/Articulation Grant Work

The following chart represents the work done by the Central Region Tech Prep Center in the career fields identified by the Ohio Department of Education for approval in FY19: Business, Construction, Finance, and Law and Public Safety.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available on AA	Statewide AA Completed (CTAG) During FY19
Business	74	22	7	4
Construction	28	22	9	0
Finance	1	3	12	1
Law & Public Safety	13	18	11	1
FY19 Total	116	65	8.8	6

The following chart reflects work done beyond the slated scope of work identified for FY19. This details the support provided to secondary partners beyond the mandated career-fields identified in Chart #1.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Statewide AA Completed During FY 19	Average Number of Credits Available (CTAG, bilateral and articulation agreements)
Agriculture & Environmental Systems	12	5	1	4.3
Arts & Communication	4	12	0	4.8
CBI	7	0	0	0
JTC	3	0	0	0
Education & Training	4	10	14	5
Engineering	7	24	19	3.7
Health Science	23	50	0	4.5
Hospitality and Tourism	0	12	5	4.4
Human Services	0	6	0	3
Information Technology	26	43	20	7
Marketing	1	12	0	4.7
Manufacturing	4	12	0	5
Transportation	2	20	0	5
FY19 TOTAL	93	206	59	7.3

The following chart reflects events, professional development, and support systems provided by Central Region Tech Prep.

Name of Event	# of Stakeholder Attendees (excluding students)	# of Student Attendees (if applicable)	# of CTPDs Represented	# of Outside Partners Represented (Charter, private, parochial, etc.) (If applicable)	# of PS Partners Represented (if applicable)
COTC Tour for City of Dublin	4	0	1	7	2
Planning Meeting with ESCCO (Summer)	5	0	0	2	3
COTC Articulation Meeting	7	0	1	0	7
Fall Steering Committee Meeting	11	0	9	1	1
SuccessBound Workshop (October)	52	0	13	0	6
Planning Meeting with ESCCO (Fall)	6	0	0	2	4
SuccessBound Workshop (November)	15	0	4	1	2
ACTE Region 2 Workshop	9	0	3	0	4
CTE 26 Workshop (December)	18	0	6	12	4
CTAG Workshop (January)	5	0	2	1	3
Winter Steering Committee Meeting	8	0	4	0	4
Spring Steering Committee Meeting	9	0	5	0	5
Central Region Success Bound Conference	151	5	10	41	13
COTC Campus Visit for Lancaster City (Oct)	9	43	1	0	15
COTC Campus Visit for C-TEC, Hilliard City, and Coshocton CC (Oct)	12	107	3	0	20
COTC Campus Visit for Lancaster City (Jan)	2	27	1	0	10
Middle School Math Competition-Marion	12	273	1	0	6
High School Math Competition-Marion	10	180	1	0	6
Marion Tech CTE-26 Individual Workshops	3	0	1	0	1
COTC CTE-26 Individual Workshops	3	0	2	0	1
Columbus State CTE-26 Individual Workshops	41	0	7	4	2

Name of Event	# of Stakeholder Attendees (excluding students)	# of Student Attendees (if applicable)	# of CTPDs Represented	# of Outside Partners Represented (Charter, private, parochial, etc.) (If applicable)	# of PS Partners Represented (if applicable)
Fall Tech Prep Meetings	33	0	13	0	4
BPA State Officer Screening	80	Approx. 80	Statewide	0	2
BPA National Officer Screening	Approx. 10	Approx. 10	Statewide	0	3
FFA Ag Science Fair Judging	100s	1,000s	Statewide	Unknown	Multiple
Skills USA State Judging	100s	1,000s	Statewide	Unknown	Multiple
Ohio School Improvement Institute TP Exhibit	approx. 200	0	Statewide	Unknown	Multiple
C-TEC Outstanding Student Judging	3	4	1	0	1
Statewide EMIS Coordinator Meeting	Approx. 200	0	Statewide	Unknown	2
CSCC Articulation Promotion	161	Approx. 500	9	0	2
CSCC Articulation Meeting	5	0	3	2	2
CSCC CTAG Individual Meeting	21	0	2	0	1
CSCC Success Bound Presentation --Beechcroft	35	0	1	0	1
CSCC College Credit Presentation to OSU Grad Class	3	50	0	0	1
MTC Credit Transfer Presentation--Tri-Rivers	20	0	1	0	1
ODE Business Workshop	10	0	6	0	1

WORK-BASED LEARNING

The following chart reflects work-based learning fostered by the Central Region Tech Prep Center based on new opportunities, learning agreements, connection between business and industry, and engagement of Adecco partnerships.

Level 1: Initial Engagement	Any Contacts, Meetings; including workshops, fairs with business/industry
Central Region SuccessBound Conference	151 attendees including approximately 50 Employers
State SuccessBound Conference	Employers and educators from throughout Ohio
Marion Executive Management Council (Meets 5 times per year)	12-15 attendees per meeting including local employers
Licking County Chamber of Commerce-Young Leaders	Local Business Contacts
Adecco Initial Engagement-Rotary Columbus 6690	Quinton Thornton
Adecco Initial Engagement-OMJ Center	Quinton Thornton
Adecco Initial Engagement-Pickaway Works	Quinton Thornton
Adecco Initial Engagement-Job Corps Columbus	Quinton Thornton
Adecco Initial Engagement-ColumBUS Region	Quinton Thornton
Adecco Initial Engagement-Tolles CTC	Quinton Thornton
Adecco Initial Engagement-Dublin City Schools	Quinton Thornton
Adecco Initial Engagement-Metro School	Quinton Thornton
Adecco Initial Engagement-ESC of Central Ohio	Quinton Thornton
Adecco Initial Engagement-Columbus City Schools	Quinton Thornton
Adecco Initial Engagement-C-TEC	Quinton Thornton
Adecco Initial Engagement-Horizon Science Academy Concept Schools	Quinton Thornton
Adecco Initial Engagement-Pleasant Local Schools	Quinton Thornton
Adecco Initial Engagement-Southern Ohio ESC	Quinton Thornton
Adecco Initial Engagement-Gahanna Jefferson Schools	Liane Makin
Adecco Initial Engagement-Custom Air Conditioning	Liane Makin
Adecco Initial Engagement-Delaware Area Career Center	Liane Makin
Adecco Initial Engagement-Tri-Rivers Career Center	Liane Makin
Adecco Initial Engagement South-Western City Schools	Liane Makin
Steering Committee Meeting—Adecco	Adecco Presentation
Regional SuccessBound Conference Adecco Presentation	Liane Makin
Regional SuccessBound Workshop Presentation	Liane Makin

Lancaster City Meeting—with Fairfield County Workforce Development	Carrie Scheiderer—Meeting to plan WBL Activities for next year
Meeting with Regional Adecco Representative	Liane Makin and Carrie Scheiderer
Level 2: Commitment	Contracts/Teacher, Business, Industry and District Approvals; ODE Work-Based Learning Toolkit Used and Adapted; Adecco (or other) Engagement in Initial Commitment Process
Adecco Commitment-Lakewood Local Schools	Quinton Thornton
Adecco Commitment--Benjamin Logan	Liane Makin
Adecco Commitment--Great Oaks—Commitment obtained by Central Region Adecco Representative	Liane Makin
Adecco Commitment-Miami Valley WBL Education Partner	Joe Turner
Adecco Commitment Multi-Color Corporation	Erica Cioffi
Adecco Commitment--Indian Lake Schools	Cheyenne Williams
Level 3: Implementation	Adecco Engagement in Labor Relationships (if paid/applicable); Credit Flex; Job Site Readiness; Student Supervisor/Transition Coordinator; Work Plan
CSCC, Nationwide Children’s Hospital (NCH), and Columbus City WBL Meeting	CSCC, Nationwide Children’s Hospital (NCH), and Columbus City
Level 4: Enrollment	Student Participation; Internships; Externships; Pre-apprenticeships
Adecco Enrollment-Golf Works	Quinton Thornton
Adecco Enrollment--Northern Local Schools	Quinton Thornton
Adecco Enrollment-Honda of America	Liane Makin
Adecco Enrollment--Ohio Hi-Point CTC	Liane Makin
South High School Job Shadowing (30 Juniors)	Columbus State/Columbus City Schools/ Nationwide Children’s Hospital
South High School Career Panel Events (50 students)	Columbus State/Columbus City Schools/ Nationwide Children’s Hospital
South High School Externship with NCH (7 Seniors)	Columbus State/Columbus City Schools/ Nationwide Children’s Hospital
Level 5: Assessment	Formative and Summative; Student-Based; Employer-Based; Observation (third party)
N/A	N/A

WBL Partnership Highlight

Columbus State Community College, Nationwide Children’s Hospital, and Columbus City Schools continue to partner to deliver a work-based learning continuum for Columbus South High School students.

Freshman and sophomore students participated in two Career Panels at Nationwide Children’s Hospital (NCH). In the fall, the South High School students heard from NCH Clinical Professionals; in the spring, the students heard from NCH Non-Clinical professionals. NCH Professionals shared personal experiences encountered on the roads to their careers. One of the goals of the panel discussions was to share with students many career options, as well as the journey to get there. In 2018-2019, there were 50 students who participated in both Career Panel events.

South High School junior students participated in job shadowing experiences at NCH. Students had to submit health records, including having received a flu shot, in order to participate. Transportation was provided by the school district. There were 30 junior students who participated in the job shadowing.

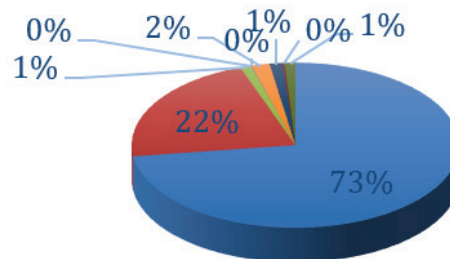
South High School senior students participated in internships at NCH. In order to be eligible for the internship component, students must meet certain criteria, including participating in the job shadowing component as juniors. The internship was in the student’s area of interest. 2018-2019 was the first year for implementation of the internship component. Seven senior students participated. NCH, Columbus State, and Columbus City Schools work closely together in planning and implementing the continuum of experiences.

FINANCIAL STATEMENT

Central Region Budget FY2019

Expenses	Amount
Payroll Expenses	\$192,370
Fringe Benefits	\$57,330.31
Travel	\$2,904.50
Supplies	\$150
Equipment	\$0
Contract Services	\$4,700
Training	\$3,348.07
Evaluation	\$613.57
Other Program Costs	\$2,739.76
Total Grant	\$264,156.21

Central Region Tech Prep Grant



Financial Summary

Columbus State Community College serves as the fiscal agent for the Central Region in partnership with Central Ohio Technical College and Marion Technical College to lead the Central Ohio Tech Prep Regional Center. Central Region funds are equally distributed among the three anchor colleges. Each institution submits a project budget to the fiscal agent identifying how their allocation will be spent to meet grant goals and deliverables.

SuccessBound Financial Summary

The Central Region received \$7,500 to host its regional SuccessBound Conference. Expenses totaled \$7,930.08. Revenue from registration fees totaled \$3,589.46.

Sustainability

Sustainability was discussed during the quarterly steering committee meetings. Partner input indicated that services currently offered are invaluable to the districts and cannot be provided individually. Given the possibility of reduced funding, the following have been considered:

- Charging registration fees for regional workshops
- Increasing the registration charge for Region Conferences
- Providing data to key decision makers to inform and support the need for continued funding at a minimum of FY17 levels (funding restoration)
- Prioritizing services to determine which may need to be eliminated

PARTNERSHIP HIGHLIGHTS

Consultants of the Central Region have a long and successful history of working collaboratively to create alignments between business/industry representatives and secondary/post-secondary partners within our region as well as partner institutions in other Ohio Tech Prep regions. The following are highlights of partnership activities:

- The Central Region hosted the Second Annual Regional SuccessBound Conference on February 21st at Ohio University's Dublin Campus. The event, hosted in conjunction with ODE, ODHE, Columbus 2020, and The Governor's Office of Workforce Transformation, attracted 151 attendees. As awareness of work-based learning continues to increase through these types of events, students will have more opportunities to gain real-world experience.
- The Marion Technical College (MTC) Consultant met five times with representatives from eight local school districts, Tri-Rivers Career Center, MTC, Ohio Means Jobs of Marion County, a local Chamber of Commerce and a local bank representative. Meeting attendees discussed career-technical education initiatives impacting schools and the community.
- The Central Region Tech Prep Center, in conjunction with Marion Technical College and Ohio State Marion, hosts two math competitions each year. High school students participate in December and middle school students in May. A feature of each competition is a presentation about the

relevance and value of mathematics in a broad range of in-demand career pathways. Student participants gained a better understanding of career options which allow them to make better informed career decisions.

- The Central Ohio Technical College (COTC) Consultant planned and hosted 177 students from area career-technical programs on-campus to learn more about post-secondary career pathways for their chosen career fields.
- Central Region Consultants served as judges for multiple Career Technical Student Organizations (CTSOs) (SKILLS USA, FFA, Business Professionals of America) state and local skills events and state and national officer candidate screenings.
- Central Ohio Technical College awarded four, \$1500 Tech Prep Scholarships to local graduates. The Central Region COTC Consultant assisted in reviewing the scholarship applications and awarding them to the recipients.
- The Central Region hosted three CTAG workshops to assist secondary partners in navigating the CTAG submission process and ensuring statewide agreements were in place for students to access following high school graduation.
- Marion Technical College offered Tech Prep Scholarships of \$1500 to students successfully completing the College Tech Prep curriculum.
- Central Region Tech Prep Consultants provided information regarding career technical college credit opportunities to high school administrators, teachers, counselors, post-secondary administrators and admissions personnel so they can help students access credit and make informed career decisions.
- The Central Region collaborates with other regions at every opportunity. The six Tech Prep Regions work together to help create career pathways that are not readily available within a region.
- The COTC Consultant was chosen to participate in the inaugural cohort of ACTE's (Association of Career and Technical Education) Postsecondary Leadership Success Program. With this heightened understanding of the national perspective of career technical education, the services provided by the Central Region were enhanced significantly. As part of this group, she attended The National Policy Seminar and also served on the Region 1 Policy Committee. She was elected to serve on the ACTE Board of Directors as Vice President-Elect for Region 1.
- The Central Ohio Technical College Consultant served on a local committee to award the outstanding career-technical student scholarship at C-TEC of Licking County.
- The COTC Consultant served as a member of the Licking County Chamber of Commerce's Young Leaders of Licking County Program. Through this program, she was able to gain and maintain valuable relationships with local business and industry partners which will help facilitate more work-based learning opportunities for students in Central Ohio.
- Central Region Consultants serve on secondary and post-secondary advisory boards as requested.
- The Central Region worked with the City Of Dublin's Economic Development Office to build relationships and awareness of opportunities for students. The City of Dublin supported this year's Central Region SuccessBound Conference and were major contributors to SuccessBound Planning.

Central Region Big 8 Initiative

Columbus State Community College hosted the Health and Human Services Division Career Fair for 400 junior students who are currently enrolled in Health and Human Services CTE Programs.

Columbus State Community College hosted the Health and Human Services Division Career Action Plan (CAP) Day for 450 Senior students who are currently enrolled in Health and Human Services CTE Programs.

Columbus State Community College facilitated eleven (11) College Faculty/High School Faculty Collaboration Meetings. The meetings were based upon career fields.

Central Region Exemplary Programs of Study

South-Western Career Academy	N4--Cyber Security
Columbus City Schools	E0—Early Childhood Education
Eastland-Fairfield Career Center	C4—Medical Office Technology
Zenith Academy	N0—Information Technology
Lancaster City	P1—Criminal Justice
Delaware Area Career Center	P6—Firefighting and EMS

REGIONAL CENTER NARRATIVE

1. Region at a Glance

Chief Administrator: Terry Benedict

Regional Coordinator	Office Location
Rita Graf	Southern State Community College
Robert Speckert	Miami University
Connie Cooper	University of Cincinnati
Sean Kelley	Partners for Competitive Workforce
Marianne Krismer	Cincinnati State, health initiatives

Total Budget: \$234,917 (Pathways Grant)
\$7,500 (Success Bound)



Ohio Tech Prep Southwest Region
Cincinnati State Technical and Community College
3520 Central Parkway – Main 165
Cincinnati, Ohio 45223

2. Regional Overview/History

The Southwest Ohio Tech Prep embraced this year with enthusiasm and a commitment to expanding a pipeline of career opportunity so that students build skills to meet employment options and are prepared to make informed decisions about career choices. The regional work plan was constructed on three pillars:

- Strategic partnerships
- Engaged stakeholders
- Targeted communication

From 2011 – 2017, the Southwest Region stretched across an expansive geographic area that had for almost 16 years been served by three Tech Prep Consortia. In FY18 Tech Prep aligned to Jobs Ohio returning the region to its roots to serve the Greater Cincinnati area. While the region is physically smaller, demands for service and enhanced regional capacity have never been greater as the region incorporates assets and partners that reflect a richly diverse population.

To meet goals identified by the ODE and ODHE, the southwest region has adjusted its organizational structure in order to offer a full menu of service by leveraging expertise and available community resources. The region's new smaller footprint affords opportunity for flexible service delivery and in-depth partner engagement. Cross-regional collaboration with the west and southeast regions and a new alliance with Partners for a Competitive Workforce, a broad-based organization focused on employer engagement and career-based services are forward steps that build on past accomplishment.

Of the 16 career technical planning districts in the former southwest regional structure, seven are assigned to the southwest region while the others moved to the southeast and newly organized west region. Great Oaks Career Development Campus and Butler Technology and Career Development, two of Ohio's largest career tech districts, are included in the southwest region. Cincinnati Public and Hamilton City are considered urban high-need districts. Warren County, Grant Career and Southern Hills typify regional diversity—blending suburban and rural Appalachian communities.

Diversity is also reflected in the composition of postsecondary partnerships. Cincinnati State Technical and Community College is the fiscal agent for the Ohio Tech Prep Southwest Region. Miami University Regional Campuses at Hamilton and Middletown and University of Cincinnati campuses at Clermont College, UC Blue Ash and UC Clifton are engaged in various ways.

Chief Administrator Terry Benedict manages the grant and supervises area coordinators and supports secondary partners with initiatives directly related to support for work-based learning, pathway development and matriculation of career technical students who have multiple opportunities for the college credit. She is an employee of Cincinnati State.

The southwest region has strong linkages to counties that border the area included in the southeast and western regions. Southern State Community College is now situated in three regions. At the request of Great Oaks Career Development Campus, the southwest region extends services to Highland, Adams, Fayette and Clinton Counties. Rita Graf draws on long-standing relationships with area secondary and postsecondary partners to connect southeast and southwest services. She is located at the Southern State Community College Mt. Orab campus and Cincinnati State Technical and Community College.

Consultants with specific expertise focus on grant deliverables as they interact directly with employers and secondary and postsecondary partners. While individual roles are defined by project goals, coordinators function as a team to offer robust stakeholder services.

Sean Kelley links the center with the multi-faceted Talent Pipeline Initiative (TPI) to coordinate business partnerships, identify work-based learning opportunities, implement apprenticeships and on-site, business and industry training for educators.

Rob Speckert is retired faculty and former department chair of 21 years at Miami University and co-chair of the Ohio Engineering Technology Educators Association (OETEA). With deep industry and education roots, Rob is uniquely qualified to facilitate work-based learning opportunity and robust career pathways. Rob represents Miami University and oversees curriculum mapping, engineering, manufacturing and IT pathway support. He also supports submittal of approved programs into the Course Equivalency Management System (CEMS).

Connie Cooper is a retired University of Cincinnati department chair who supports UC linkages as well as hospitality, supply chain and business programs.

Marianne Krismer oversees health pathways. The retired Cincinnati State health and public services dean is a nationally recognized expert who supports curriculum development and work-based learning opportunity.

Career Technical Planning Districts

- Butler Technology and Career Development
- Cincinnati Public Schools
- US Grant Joint Vocational School District
- Great Oaks Career Development Campuses
- Hamilton City School District
- Southern Hills Career Center
- Warren County Career Center

Postsecondary Partners

- Cincinnati State Technical and Community College—fiscal agent
- Miami University—Hamilton and Middletown Campuses
- Southern State Community College—Joint services with Southeast Region
- University of Cincinnati—All campuses.

3. Services

The Southwest Ohio Regional Center is organized to preserve and expand existing relationships while collectively promoting regional goals. The regional center routinely interacts in targeted pathways with secondary, postsecondary and employer partners. Services, tailored to need, include but are not limited to:

- Engaging area employers in pathway development and implementation including solicitation of employer guidance related to specific pathway opportunity and involvement in secondary pathways through shadowing, mock interviews, work-based learning and apprenticeships
- Facilitating work-based learning opportunities, sharing expertise and creating education/employment connections
- Supporting curriculum teams to update articulation agreements, target professional development and facilitate CTE-26 Programs of Study
- The southwest region has created a shared services approach to structure regional resource sharing and collaboration. Administrators from each CTPD meet bi-monthly to discuss strategies, communicate best practices and share guidance from ODHE & ODE. This approach creates an efficient platform for communication and joint planning. Peer support is freely offered and is especially valued by small districts with limited staff as well as new administrators. This group advises regional center operations, will counsel sustainability options and will champion us to funding sources.
- The region is incrementally creating enriched pathway models that include work-force learning options and expanded postsecondary options. A newly created electro-mechanical engineering pathway, for example, includes postsecondary and employer engagement in high school course delivery, post-secondary and early apprenticeship opportunities, multiple college credit options and an accelerated pathway to degree attainment and high skill employment. Under construction is a health pathway focused on sterile processing that offers similar work/education opportunity.

- Mapping alignment of secondary, postsecondary and employment opportunities considering course selection and expanded postsecondary options including adult education, apprenticeships, certificates and other employment training
- Supporting student transition to college and access to credit opportunities
- Collaborating with ODE and ODHE to offer regional and area professional development
- Auditing program of study and articulation agreement audits to correct errors and share best practices
- Offering training involving college faculty with skills and pedagogy to engage secondary instructors to close the gap between college expectations and secondary student preparation
- Expanding access to multiple postsecondary options
- Processing CTAG and bilateral credit
- The regional center has tapped into an extensive network of work-based learning providers and industry advocates including Partners for a Competitive Workforce, Junior Achievement, Institute for Hospitality Leadership, Health Collaborative and area Chambers of Commerce. The goal is to support efforts that meet regional goals and share availability of resources, promote events and build relationships with key partners who will help us expand work-based learning efforts.
- Providing CTAG submission support for students and teachers when seeking credit via the ODHE process
- Supporting student visits for exploration of in-demand careers
- Sharing ODE and ODHE tools and resources with partners

PERFORMANCE/YEAR-END REVIEW

Chart 1 represents work done by the Southwest Regional Center in the career fields identified by the Ohio Department of Education for transition in FY19: Business, Construction, Finance and Law and Public Safety.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Statewide Articulation Agreements (CTAGs)	Average Number of Credits Available on AA
Business	24	4	1	7
Construction	31	6	2	4
Finance	1	0	2	3
Law & Public Safety	11	0	0	9
FY19 Total	67	10	5	6.2

Chart 2 reflects work done by the Southwest Regional Center beyond the slated scope of work identified for FY19. This details the support provided to secondary partners beyond the mandated career-fields identified in Chart #1.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Statewide Articulation Agreements (CTAGs)	Average Number of Credits Available on AA
A0, A1	3	5	2	3
B0, B1, B2	5	1		9
F6	10	1		6
J0, J6, JM	5	4	1	5.5
L0	1			10
M1, M3	2			3
N0, N1, N2, N3, N4	13	5		11.5
R7	1	4		3
T9	1			6
TA	1	1	2	9
ICO	53			
FCS	1			
CBI	1			
FY19 Total	97	21	5	6.6

A0, A1 agriculture; F6 engineering; G2 finance; J0, J6, JM health and medical bioscience; M1, M2 manufacturing; N), N1, N2, N3, N4 information Technologies; T9, TA transportation; FCS; ICO industry credential only

Chart 3 reflects events, professional development, and support systems provided by Tech Prep Ohio Southwest Regional Center.

Name of Event	Number of	Number of CTPDs	Number of Outside Partners	Number of Postsecondary Partners Represented (If applicable)	
AK Steel Bus Tour	27		2	4	1
Tech Prep Partners Meeting/ Construction	24		7		2
Health Careers Collaborative (5)	17		1	6	4
Business Finance Pathway Meeting	22		4	1	2
ENGAGE	34	475	8	3	4
UC Health Transformation Mission Based Healthcare Meetings	50		1	10	4

SOCHI - Presentation	75		1		15
IT Initiative (3)	100	30	5		
Health Pathway Meetings	12		4		3
Great Oaks Articulation & CTAG Workshop	5		1		2
STEM Day Out	30	300	5	4	3
Dental Collaborative Meetings (5)	43		2	2	10
CTE-26 Meetings & Workshops	37		7	3	4
HealthFORCE Expo	24	511	7	5	6
Manufacturing Apprenticeship Meetings (7)	34				4
Cincinnati State/UC Pathway Collaboration	5				3
AMIP (Advanced Manufacturing Industry Partners) (6 meetings)	40		5	10	4
STEM Convening	60		2	4	4
IT & Engineering Senior Conference	20	200		1	5
Health Collaborative Advisory Meetings (6)	26		1	0	3
Taft High IT Exploration	8	25	1		1
Hamilton County ESC Council Meetings (5)	35	6	3	2	1
Western Brown Career Pathway Outreach	5	200		1	1
Ohio Engineering Technology Educators Association Meetings (2)	22				10
SuccessBound Inspire	102	4,000	5	61 business; 47 non CTE	19
SuccessBound Health	93	10	7	10	5
Bridges to Pathways	40		7		3

Serving Special Needs Student Meetings (2)	8		1	4	1
Emerging Workforce Meeting	50		1		3
Pathways to Professions	35	250	2	2	4

WORK-BASED LEARNING

The following chart reflects work-based learning fostered by Southwest Regional Center based on new opportunities, learning agreements, connection between business and industry and engagement of Adecco or other partnerships.

Level 1: Initial Engagement	Any Contacts, Meetings; including workshops, fairs with business/industry
Redi-Cincinnati	SuccessBound partner
Clermont County Chamber of Commerce- Sue McHugh	Participated in mentoring, SuccessBound partner
Junior Achievement	SuccessBound partner, work-based learning committee
Mason/Deerfield Chamber of Commerce- Sherry Taylor	SuccessBound info, collaborate w/ student internship and job shadow event
Middletown Chamber of Commerce	SuccessBound intro, collaboration for multiple events bringing education and industry together, student exposure, industry credentials in manufacturing
Jackie Alf, Jurgensen Companies	SuccessBound speaker, follow-up meeting, interested In work-based learning
Cincinnati Convention & Visitors Bureau	SuccessBound collaborator
First Star Logistics	Adecco
Hobart	Adecco
Southwest Ohio Workforce Investment Board – Sherry Marshall	SuccessBound sponsor, on-going collaboration
Institute of Hospitality Management- Jason Dunn	SuccessBound speaker, Tech Prep IHL board rep.

Paycor- Bob Coughlin	SuccessBound speaker, student shadowing
Talent Initiatives- Jordan Vogel	SuccessBound, IHL committee
WCETThinkTV	SuccessBound presenter, video producer promoting work-based learning
UC College of Medicine- Dr. Barbara Tobias	SuccessBound presenter- equity proponent
Tri-Health	SuccessBound presenter, implementing work-based learning
GE, Emily Tucker Natalee McMullin	Engineering Conference presenters
P&G, Rob Shottlecotte,	Engineering Conference speakers
Path Forward Consulting	Adecco
FESTO	Adecco
Fifth Third Bank	Adecco
Amazon	Adecco
Amstan	Adecco
Cintas	Adecco
Perfetti	Adecco
TQL	Adecco
UPS	Adecco
FESTO	Adecco
Gold Medal Products	Adecco
Candle-lite	Adecco

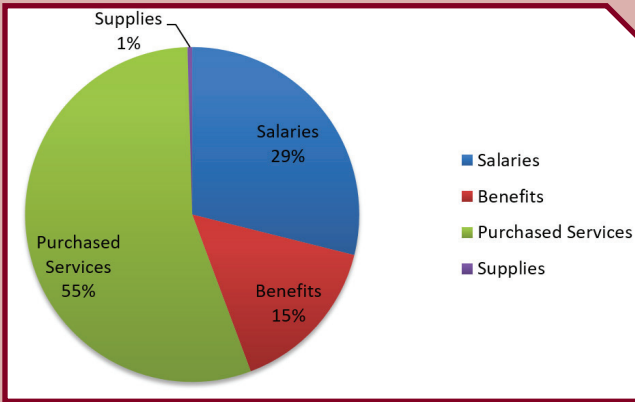
Butler Tech	Students in work-based learning placement and Adecco
Job Corps Cincinnati	Adecco
Xoops	Adecco
European American Chamber of Commerce	Adecco
Calfee Strategic Solutions	Adecco
Perfetti Van Melle	Adecco
UC WestChester	SuccessBound presenter
Level 2: Commitment	Contracts/Teacher, Business, Industry and District Approvals; ODE Work-Based Learning Toolkit Used and Adapted; Adecco (or other) Engagement in Initial Commitment Process
Zero Day Technologies	Planning to offer internships in Fall - preliminary meetings have occurred
Shadow IT, Matthew Davis	Exploring Internships
JEE Foods	Students owned business operated as non-profit with guidance from business incubator
Jurgensen Companies, Jackie Alf	Interested in implementing work-based learning
P&G, Rob Schottelkotte	Interested in replicating manufacturing model
Supply Chain, Jesse Simmons	SuccessBound presenter, will offer educator externships,
Great Oaks	WBL Adecco
Multi-Color Corp	Adecco
Southwest Local Schools	Adecco
Allied Windows	Adecco

Help HVAC Plumbing and Electric	Committed to engagement
Alfon Haars, Dianne Price, Bryan Johnson	Student outreach, intending to be apprenticeship sponsor
Partners for Competitive Workforce	Partnerships, student work-based learning engagement
Cincinnati USA Chamber	Partnerships
Lakota Local Schools	Partnerships
Forest Hills School District	Partnerships
West Clermont Schools	Partnerships, SuccessBound Committee
Junior Achievement	Partnerships, SuccessBound Committee
Middletown Chamber	Educators Tours, SuccessBound Committee
TriHealth	Groundwork laid for work-based learning to start FY20; 50 students targeted
Cincinnati Childrens	Sterile Processing apprenticeship employment starts FY20
Level 3: Implementation	Credit Flex, Job Site Readiness, Student; Supervisor/ Transition Coordinator, Work Plan
Institute Hospitality Management	Credential class; paid work experiences for students
Bon Secours Mercy Health	Turpin High School Explorers
Lakota Schools	Job Shadowing
UC IT Pathway	Student co-ops starting after high school graduation start FY20
Level 4: Enrollment	Student Participation, Internships, Externships, Pre-Apprenticeships
Lawn Life	20 Aiken Students
DHL	25 CPS students

Southern State Community College	Adecco
Cincinnati State CC	Applied to be apprenticeship sponsor, project underway
Loveland City Schools	Adecco
Clinton Massie Schools	Adecco
Blanchester Local	Adecco
Aarons	Adecco
Goodwill	Adecco
IGA	Adecco
Pot-Luck Greenhouse	Adecco
World Equestrian Center	Adecco
Smith Fieke Insurance	Adecco
Classic's Diner	Adecco
Kibler Lumber	Adecco
Sodexo	Adecco
Great Oaks	Adecco
Autumn Years Nursing Center	Adecco
Cincinnati Public Schools	Students engaged in various locations
Southern State	Adecco
Valco Melton	ButlerTech student placements

Woodward Pharm Tech	5 students at UC Kroger
Health Apprenticeship	Still building, JP Morgan will fund for 2 years
Hughes UC IT Pipeline	Funded by employers, students graduate in one-year-advance directly into co-op
Allied Construction Industries	Moving construction pre-apprenticeship program forward, CPS approved, bringing education and industry together for a joint community build this summer
Cincinnati Museum Center	IHL Hospitality Work Site
Sweet Petit Treats	IHL Hospitality Work Site
Hilton Netherland Plaza	IHL Hospitality Work Site
Great Oaks	Student in placement
Jurgenson	Learn and earn program
Deer Park Roofing	20 students enrolled in training and work-based learning during FY19, expansion planned
Level 5: Assessment	Formative and Summative; Student Based; Employer Based; Observation (Third Party)
N/A	N/A

FINANCIAL STATEMENT



FY 18 Pathways Grant: \$369,007

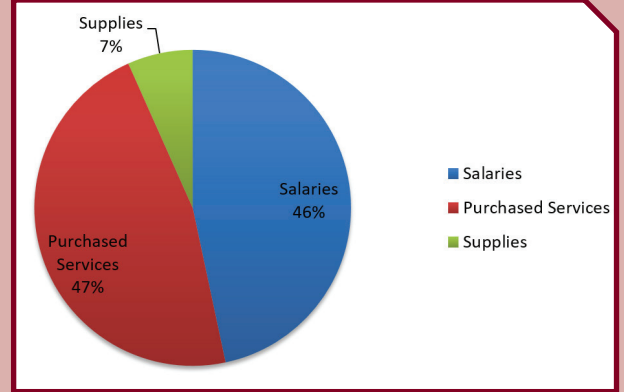
Salaries: \$67,880

Benefits: \$36,192

Supplies: \$1,074

Purchased Services: \$129,770

(Southern State, Pathway Consultants, Office Expenses, Travel)



SuccessBound Support Grant: \$7,500
(Coordination, Venue, Supplies)

Sustainability

To meet essential grant goals, the southwest region has adjusted its organizational structure to offer a full menu of service by leveraging expertise and linking to community assets:

- The regional center has forged relationships with business advocates and organizations such as Partners for a Competitive Workforce, Junior Achievement, Health Collaborative and Institute for Hospitality Leadership. Sharing staff, resources and project implementation costs with entities that have a similar mission maximizes assets and strengthens operational efficiency
- Program champions are nurtured through on-going engagement with stakeholders on the southwest region council. Allies are aware of funding challenges and are open to sustainability planning activities such as fees-for-service and grant application
- The southwest region shares grant priorities with postsecondary and other partners, including the southeast region collaboration to solicit essential support. As the region continues to grow partnerships, exert influence and establish credibility, the opportunity for outside support increases

PARTNERSHIP HIGHLIGHTS

SuccessBound Inspire

Junior Achievement OKI is a robust organization dedicated to fostering work-readiness, financial literacy and entrepreneurship. The organization is strongly supported by local employers and has extensive connections to students in schools throughout our region. Partnering with JA exposed our SuccessBound mission to a broad audience and has strengthened connections to employers and schools beyond the career tech community, as envisioned by the planning committee.

A SuccessBound component was added to the February 13 inaugural Inspire Career Expo that attracted 58 employer exhibitors and 4,000 ninth graders from 38 schools at Duke Energy Center. More than 90 educators, employers and community members engaged during a SuccessBound Inspire Leadership Kickoff Breakfast. Bob Coughlin, CEO and founder of Paycor was keynote speaker. Gloria Skurski, WCET and ThinkTV Chief Content Officer, led discussion about work-based learning with West Davis, Woodward High School and John Strawser, COO Valley Interior Systems. Ross High School students who have created a non-profit business that interfaces with the United Nations and flash content sessions further inspired guests.

Hughes High School Electro-Mechanical Apprenticeship Pathway

Hughes High School engineering students were engaged in hands-on projects and integrated curriculum delivered by secondary and postsecondary instructors who collaborated to prepare students for degrees and employment. High school curriculum has been aligned to Cincinnati State's electro-mechanical degree program. The college department chair supports high school teachers in curriculum development and instruction- even delivering content to students on a regular basis.

*****Electro-Mechanical Engineering Apprenticeship**

The southwest regional center is spurring efforts to implement a unique apprenticeship opportunity that combines work-based learning with attainment of an associate degree in electro-mechanical engineering. The pathway includes paid job experiences and learning activities geared to grade and skill level- ranging from awareness and soft skill development to apprenticeships starting the summer of high school graduation. Cincinnati State has applied for approved apprenticeship status and is creating a course to link college students as advisors to high school students in the pathway. Valco Melton, a multi-national corporation, is committed to providing student work experiences. The model will begin September 2019 and is intended to expand to other program areas.

AK Steel Educators Tour

Twelve instructors from Edgewood City Schools, Madison Jr./Sr. High School, Madison Local Schools, Middletown Christian Schools, Middletown H.S. and Monroe Local Schools experienced a daylong tour of the AK Steel Corporation Middletown facility. The collaborative effort between Middletown Chamber of Commerce and SouthwestTech Prep was designed to facilitate increased engagement between education and business and industry. Educators gained a greater understanding of the needs, challenges, and capacity of the manufacturing industry and employers learned the constraints, capabilities and dedication of educators.

Bridging the Gap Initiative

Forty Cincinnati State faculty and staff and key career tech representatives from every regional district attended a workshop focused on increasing secondary/postsecondary collaboration in order to build pathways to postsecondary education to prepare for in-demand careers. As part of this initiative, career tech districts are standardizing courses of study for technical coursework. Secondary/postsecondary department chairs and curriculum specialists will meet in small groups beginning summer 2019 to crosswalk curriculum, review available CTAGS and articulation opportunity and initiate follow-up activities.

Engineering Pathway—Building Ohio’s Workforce

The Tech Prep Center joined regional efforts coordinated by the Advanced Manufacturing (AMIP) initiative during Manufacturing Week/Day October 2018. Several hundred students visited multiple companies to learn more about manufacturing careers and opportunities. Rob Speckert, engineering pathway manager, interacted at Alfons Haar with 100 Springboro students, Alfons Haar employees and 10 government and school administrators.

In collaboration with manufacturing employers and postsecondary partners, the southwest regional center contributed to development of a statewide Manufacturing Foundation Certificate. Program information was delivered on Manufacturing Day, during the Ohio Engineering Technology Educators Association, at multiple colleges and the Ohio Manufacturers’ Association and at a December 2018 workshop at Owens Community College. It is expected that numerous colleges will launch this certificate so it can become a state recognized credential.

The region is represented on the Ohio Engineering Technology Educators Association and the Ohio Manufacturers Association. Active engagement expands services to the southwest region and ensures local priorities are considered in development of statewide policies and projects.

Healthcare Apprenticeships

The Southwest Regional Center has been able to link available resources to focus on the development of work-based learning opportunities including apprenticeship and pre-apprenticeship for high school students. Especially exciting is development of health care apprenticeships and pre-apprenticeship opportunity for sterile processing. The Greater Cincinnati Health Collaborative has developed agreements with Cincinnati Public Schools to provide a pilot pre-apprenticeship experience to seven students in this academic year; five completed the apprenticeship. Expansion is underway for FY20 for the pre-apprenticeship program in addition to full apprenticeship programs in sterile processing with three health care systems. Additional specialties will be incrementally added. Other programs considered are medical assisting and practical nursing. JP Morgan has committed to funding a two-year model. Tech Prep is advocating wide access to apprenticeship efforts- engaging career tech as well as comprehensive schools and adult education programs.

Health Careers Collaborative

The regional center extends service through affiliation with the Health Career Collaborative to develop health career pathways, healthcare apprenticeships and targeted employment opportunities. The signature event was HealthForce Expo at that reached over 400 high school students from 15 schools. Twenty employers and four postsecondary institutions were engaged.

*****SuccessBound Health**

Delivered with broad-based community input, SuccessBound Health has become the southwest region's premier opportunity to connect health educators and employers to prepare students for dream jobs through partnerships, education, experience and skills. The event was offered in partnership with the Healthcare Collaborative, Partners for a Competitive Workforce, University of Cincinnati AHEC, Cincinnati State and area health employers.

More than 85 people attended, including 18 employers and workforce development professionals, 36 secondary teachers and administrators, six secondary students, two postsecondary deans, eight postsecondary instructors and multiple administrators, community and educational leaders.

Dr. Barbara Tobias, Medical Director, The Health Collaborative and Interim Chairperson for Family & Community Medicine, UC College of Medicine, set the tone with a passionate discussion about equity of opportunity and service. Also discussed were innovative pathways to healthcare employment, including apprenticeships, work readiness initiatives, the Ohio Work Readiness Seal, emerging employment trends and student support.

Follow-up includes creation of web-based resources and continued partnership between the healthcare industry and education.

Online Healthcare Training

Tech Prep facilitates delivery of on-line certification for Core Healthcare Training. Cincinnati Public is adopting this course as a component of a pre-apprenticeship program that links employers and community colleges for further pathway advancement. The curriculum will be implemented at two CPS sites.

Dental Collaborative

Several meetings focused on developing dental pathways for secondary to post secondary students interested in health careers. Significant barriers were identified to develop seamless articulation. This initiative is on hold as a result of agreed lack of ability to complete goals at this time. We will continue to monitor for future pathway implementation opportunities.

Hospitality Pathway—Growing the Pipeline to Employment

The Cincinnati area employs more than 70,000 individuals in hospitality and tourism. The southwest regional center has joined a group of tourism employers including the Cincinnati Reds, Museum Center, Hyatt Hotel and Convention & Visitors Bureau to create the Institute of Hospitality Leadership (IHL) to implement a regional talent development initiative that advance diverse students into managerial roles within the hospitality and tourism industry.

Engaging Cincinnati Public Schools and the Cincinnati Recreation Commission, the IHL started a pilot project at Dater High School to prepare 15 students for hospitality management careers. Fifteen Dater High School students participated in the program co-taught by a Dater instructor and hospitality professionals twice a week for 16 weeks, including field trips to area colleges and tourism sites. From January through May three students had a paid work experience at Sweet Petit Desserts, Hilton

Netherland Plaza and the Cincinnati Museum Center. Two of the students continue to work over the summer.

Students received Convention and Visitor Bureau (CVB) training to earn a City Tourism Ambassador (CTA) credential. Fourteen became accredited CTA members.

Exemplary Programs of Study

- Western Brown HS, C4-Business and Administrative Services aligned with Southern State
- Diamond Oaks, N4-Cybersecurity aligned with Cincinnati State
- Colerain HS, C4-Business and Administrative Services aligned with Cincinnati State
- Lebanon HS, DD-Structural Systems aligned with Cincinnati State

REGIONAL CENTER NARRATIVE

1. Region at a Glance

Chief Administrator: Katie Good (Washington State Community College)

Regional Coordinator	Office Location
Carrie Arnold ¹	Hocking College
Amy McConn ²	Belmont College
Melanie DiCarlo ³	Eastern Gateway Community College
Tara Adornetto ⁴	Zane State College
Harmoni Keller ⁵	Shawnee State University & Rio Grande
Rita Graf ⁶	Southern State Community College

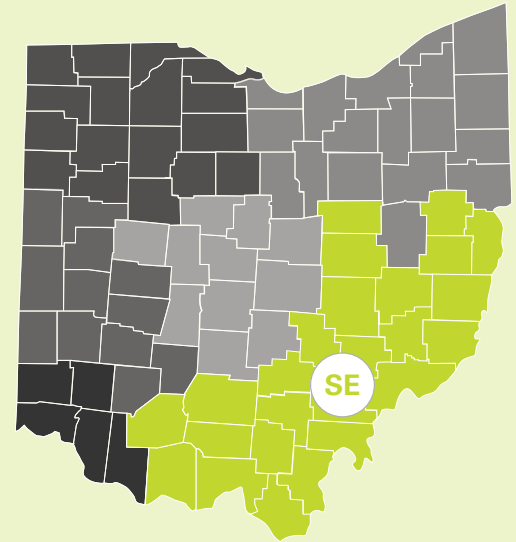
- Carrie Arnold – serves as both the Tech Prep Coordinator and Office Manager in the Office of Workforce Development and CCP. 35% of Carrie’s time is dedicated to Tech Prep.*
- Amy McConn – began Tech Prep duties on January 1, 2019. Amy serves as both the Tech Prep coordinator and Recruiter. 50% of Amy’s time is dedicated to Tech Prep*
- Melanie DiCarlo – serves as both the Tech Prep coordinator and Director of Articulation & Transfer. Melanie’s time dedicated varies from 25%-50% weekly.*
- Tara Adornetto – Tara does not have additional duties at Zane State College, but only works part time (75% of the year).*
- Harmoni Keller – Harmoni does not have additional duties outside of Tech Prep, however her time is split between two institutions.*
- Rita Graf – shared duties with SW Ohio College Tech Prep*

Total Budget: \$395,402.63

2. Regional Center Overview/History

The Southeast Regional Tech Prep Center was founded in 2011 as a collaborative venture of six post-secondary institutions and eleven secondary Career Technical Planning Districts. Washington State Community College serves as the lead agency and the grant fiscal agent.

Beginning in FY2018, Ohio College Tech Prep centers were reorganized to reflect the JobsOhio



Southeast Regional Center
710 Colegate Drive
Marietta, Ohio 45750
techprepseo.org

region, which expanded our region to now include 8 post-secondary institutions, and all 11 CTPDs, 2 Comprehensives, 2 Compacts and 105 school districts in the Southeast region. See below for listing of CTPDs, Comprehensives, and Compacts:

- Coshocton County JVSD
- Jefferson County JVSD
- Washington County JVSD
- Pickaway-Ross CTC
- Gallia-Jackson-Vinton JVSD
- Scioto County JVSD
- Morgan Local School District (Comprehensive)
- Ohio Valley Local School District (Compact)
- Mid-East CTC
- Belmont-Harrison JVSD
- Tri-County JVSD
- Pike County JVSD
- Lawrence County JVSD
- Switzerland of Ohio Local School District (Comprehensive)
- Miegs Local School District (Compact)

Starting on March 19, 2018, Katie Good assumed the role of Chief Administrator for the region from the previous role of Regional Coordinator at Zane State College. Ken Bowald resigned from his position as Chief Administrator in February of 2018.

See above chart for partner institutions, regional coordinators, and notes related to each coordinators' commitment to Tech Prep.

The Southeast Regional Center has worked diligently to fulfill the goals as laid out in the Tech Prep Scope of Work:

1. Build and foster relationships between education and business
2. Develop Career Pathways and Programs of Study
3. Disseminate technical information through convening and engagement with stakeholders

The Southeast Regional Center's primary services to support the above mentioned goals are as follows:

- Development and renewal of Programs of Study for Career-Technical Education programs in the Center's service area, including completing CTE-26 documents and technical assistance in the CTE-26 process.
 - » Programs scheduled for renewal during FY19 included: Business, Construction, Finance, and Law and Public Safety (see chart in Section 3 for detailed information)
- Support the implementation of the Career-Tech Credit Transfer (CTAG) initiative through training for secondary and post-secondary partners
 - » In FY19, OCTANE shifted to select Campus Liaisons for post-secondary institutions. Many of the Southeast Regional Center Coordinators were also named the Campus Liaison for their institution (Eastern Gateway Community College - Melanie DiCarlo; Hocking College - Carrie Arnold; Washington State Community College - Katie Good; Zane State College - Tara Adornetto)
 - » Additionally, secondary trainings were focused on one-on-one support with partner districts.
- Creation and maintenance of bilateral articulation agreements between secondary and post-secondary partners.
- Support and mentoring for coordinators assigned to the college partners.
- Outreach to business/industry to develop and strengthen relationships in order to build work-based learning opportunities for the students in the Southeast Region.

- » Includes the second annual Southeast Regional SuccessBound Conference which convened over 135 representatives from industry, secondary and post-secondary education, workforce development, etc.
- Partnered with the Jefferson County Chamber of Commerce to form a new Education/Workforce Subcommittee. This committee is working to compile existing resources, and then expand opportunities for students in Work-Based Learning opportunities.

PERFORMANCE/YEAR-END REVIEW

The following chart represents the work done by the Southeast Regional Center in the career fields identified by the Ohio Department of Education for transition in FY19 (for renewal in FY20): Business, Construction, Finance, Law & Public Safety.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created ¹	Average Number of Credits Available on AA ²
Business	43	35	5.14
Construction	45	41	5.61
Finance	5	2	6
Law & Public Safety	13	24	7.58
FY19 Total	106	102	6.08

The following chart reflects work done beyond the slated scope of work identified for FY19. This details the support provided to secondary partners beyond the mandated career-fields identified in Chart #1.

Career Field	CTE26's/ POS's Completed	Articulation Agreements (AA) Created ³	Average Number of Credits Available on AA	Statewide AA Completed During FY19 ⁴
Ag. & Enviro. Systems	18	74	3.63	8
Arts & Communication	6	7	4.43	0
Education and Training	1	14	4.71	5
Engineering & Science Tech.	13	10	5.7	2
Govt. & Public Admin.	0	0	0	0
Health Science	10	33	2.89	1
Hospitality & Tourism	4	23	6.78	3
Human Services	0	1	3	0
Information Technology	13	28	6.11	5
Job Training Coordination	1	0	0	0
Manufacturing Technologies	0	7	3.71	0
Marketing	0	4	6	0
Transportation Systems	0	19	13.68	0
FY19 Total	71	220	4.66	24

¹ Includes bilateral and statewide articulated credit fostered, renewed/updated, or created in the current FY19 with the assistance of Tech Prep.

- 2 The average number of articulated credits includes all articulation agreements available, including legacy agreements that are still active and those created, renewed/updated in FY19.
- 3 Includes bilateral credit fostered, renewed/updated, or created in the current FY19 with the assistance of Tech Prep.
- 4 Includes all statewide CTAG submissions completed with Tech Prep assistance during the FY19, including secondary and post-secondary populations. A completed submission is in a status of approved, and available for secondary or post-secondary use.

The following chart reflects events, professional development, and support systems provided by the Southeast Regional Center.

Name of Event	Number of Stakeholder attendees (excluding students)	Number of student attendees (if applicable)	Number of CTPDs Represented	Number of Outside Partners Represented (Charter, private, parochial, etc.) (if applicable)	Number of Postsecondary Partners Represented (if applicable)
Academic Leaders (Bilateral Agreement Training)	30	0	0	0	1
Secondary CTAG Support (4)	20	0	2	0	4
Zane State College Eastern Partner Workshop (Expanding Pathways)	14	0	0	0	2
GatorFest (EGCC)	10	611	3	4	2
Washington County Career Center Senior Pathways Visit	4	220	1	0	1
Family Career Awareness Event	100	375	1	48	2
SEOhio Manufacturing Council Breakfast	40	0	2	6	2
Mid-East Senior Pathways Event	0	25	1	0	1
Yes! Days	45	800	0	44	1
Senior Pathways Event	15	15	0	5	1
Roadtrip to Zane State College (Pathways)	0	250	1	0	1

SE SuccessBound Support Activities	153	0	4	115	6
CTE-26 Workshops (18)	160	0	26	0	28
State SuccessBound Conference (Regional Team)	17	0	2	15	6
Southeast Ohio Robotics League	7	50	0	1	1
Appalachian Ohio P-20 Council Meeting (Tech Prep Presented)	50	5	8	35	3
Southeast SuccessBound	136	0	5	131	8
STEM Expo	30	211	1	20	2
Summer Manufacturing Institute	15	13	1	4	2
In-Demand Jobs Week Round Table	45	0	2	41	2
AOP-20 Council Meeting (Tech Prep Planned)	52	0	2	18	5

WORK-BASED LEARNING

The following chart reflects work-based learning fostered by the Southeast Regional Center based on new opportunities, learning agreements, connections between business and industry, and engagement of Adecco partnerships.

Level 1: Initial Engagement	Any Contacts, Meetings; including workshops, fairs with business/industry
SuccessBound Conference	Convening of over 135 business, education, workforce, etc. professionals. March 21, 2019
Job Shadowing Experiences	Building Bridges to Careers has worked with 200+ students and 50+ businesses to coordinate 4-6 hour job shadowing experiences. Year-round
Southeast Ohio Manufacturing Council Partnership Breakfast	43 business/industry and educators attended – Adecco presented on the youth program. October 4, 2018

Voto Manufacturers Sales Co.	Showed interest in partnering with area schools students to offer WBL experiences
Walmart Distribution Center	Showed interest in partnering with area schools students to offer WBL experiences
McBane Insurance	Showed interest in partnering with area schools students to offer WBL experiences
JSW Steel	Showed interest in partnering with area schools students to offer externships and other tours
Fraley & Schilling Trucking	Showed interest in partnering with area schools students to offer WBL experiences
WesBanco	Showed interest in partnering with area schools students to offer WBL experiences
IBEW Local #246	Showed interest in partnering with area schools students to offer WBL experiences
Em Media	Showed interest in partnering with area schools students to offer WBL experiences
Washington County Career Center	Adecco Reported
Ohio University	Adecco Reported
Community Action Council - Scioto County	Adecco Reported
Solvay Polymers	Hosted tours and shadowing experiences, working to explore more in-depth experiences
Level 2: Commitment	Contracts/Teacher, Business, Industry and District Approvals; ODE Work-Based Learning Toolkit Used and Adapted; Adecco (or other) Engagement in Initial Commitment Process
Jefferson Security	Committed to work with Edison Local Schools to place students for internships/WBL
Building Bridges to Careers Agreement	Partnership Agreement for internship development with Washington and surrounding Counties High Schools – June 4, 2018
Hocking College	Agreement executed to house interns in the Culinary program from Tri-County Career Center beginning 2019-2020 academic year
Level 3: Implementation	Credit Flex, Job Site Readiness, Student; Supervisor/Transition Coordinator, Work Plan
Dimex	5 month internship with 3 students
Stonebridge Oil	7 month internship with 2 students
OTCO	Ongoing internships with 5 students
Greenmeadow Vet	6 month internship with 1 student

Marietta Community Foundation	Ongoing internship for 1 student
Grimm Scientific	5 month internship for 1 student
BB2C/Marietta & Beyond	7 month internship for 1 student
Ohio Valley Veterinary Hospital	6 month internship for 1 student
1455 Media	2 month internship for 1 student
Level 4: Enrollment	Student Participation, Internships, Externships, Pre-Apprenticeships
N/A	N/A
Level 5: Assessment	Formative and Summative; Student Based; Employer Based; Observation (Third Party)
N/A	N/A

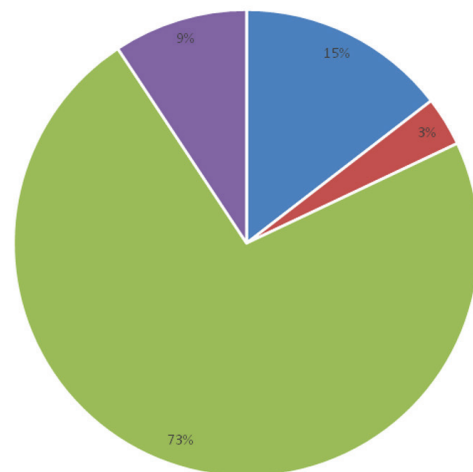
FINANCIAL STATEMENT

Budget

100 Staff Salaries		
Chief Administrator	\$ 57,542.33	
100 Summary		\$ 57,542.33
200 Retirement/Fringe Benefits		
Chief Administrator	\$ 13,531.69	
200 Summary		\$ 13,531.69
400 Purchased Services		
Misc. Professional Consultant Fees	\$ 8,686.00	
Belmont College	\$ 25,750.00	
Eastern Gateway Community College	\$ 49,210.00	
Hocking College	\$ 49,210.00	
Shawnee State (also serves Rio Grande)	\$ 76,400.00	
Washington State Community College	\$ 5,004.00	
Zane State College	\$ 51,230.00	
Southern State Community College	\$ 22,000.00	
400 Summary		\$ 287,490.00
500 Supplies		
Regional Instructional Supplies	\$ 33,779.39	
Regional Promotional Supplies	\$ 1,000.00	
Office Supplies/Equipment	\$ 2,059.22	
500 Summary		\$ 36,838.61
TOTAL BUDGET		\$ 395,402.63

Tech Prep Pathway Development Grant Allocations

■ 100 Staff Salaries ■ 200 Retirement/Fringe Benefits ■ 400 Purchased Services ■ 500 Supplies



As noted above, a majority of the FY19 funding supported the partner institutions. There is a marked difference in the funding that was allocated to Belmont College; this is due to the fact there was only a part time coordinator in place at this institution for a portion of the year. The funding that was originally budgeted for Belmont College was reallocated to the other partner institutions to support the building and strengthening of relationships and program pathways.

Ohio College Tech Prep worked in conjunction with New Skills for Youth/SuccessBound to plan and deliver regional SuccessBound Conferences. This work was supported with an additional \$7,500 over our initial Tech Prep Pathways allotment provided through New Skills For Youth.

Sustainability

The Southeast Regional Center has worked to create partnerships across the region, such as Building Bridges to Careers in Washington County, the Ohio Valley Educational Service Center, and the Mahoning Valley Manufacturing Coalition. These partnerships will hopefully foster the sustainability of our business/education relationships. Additionally, all regional coordinators work very closely with our respective CTPDs and traditional schools to build/maintain a strong relationship. These relationships will help foster the sustainability of career pathways.

Unfortunately, the Southeast Center, along with the other regional centers, experienced a significant budget reduction in FY19. Given these reductions, the following have been considered:

- Charging registration fees for regional workshops
- Providing data to key decision makers to inform and support the need for continued funding at a minimum of FY17 levels (funding restoration)
- Prioritizing services to determine which may need to be eliminated.

It is imperative looking forward to seek out funding opportunities that may supplement the current state funding in order to continue to meet the set goals.

PARTNERSHIP HIGHLIGHTS

Hocking College's Regional Coordinator, Carrie Arnold, has been working with **Tri-County Career Center** to form a pre-apprenticeship program between the Culinary and Hospitality Program at Tri-County and the Culinary Program at Hocking College. The institutions have met several times to discuss the great pre-apprenticeship opportunities that Hocking College can provide through catering and other areas within the Culinary Department at Hocking College. Hocking College will provide students' hours of hands on work in conjunction with articulated credits from course work that will be completed at Tri-County. The goal of this program is to better prepare students for direct entry to the workforce after graduating from high school or earning college credit towards a two year degree.

Warren Local School District, Washington State Community College, and Ohio College Tech Prep are working together to build and expand robust, high quality pathways, especially in Career Tech Programming. As a traditional school district, school officials are looking to add relevant CTE programming to expand options for students. Through this partnership, the school district will work with Tech Prep and local businesses to identify the programs that will most benefit the students in the district (i.e. Welding, Cyber Security, and Industrial Maintenance). The partnership will also ensure that the program is built to allow the students a pathway with the greatest amount of college credits through Career Technical Articulation Numbers (CTANs), articulated courses, and College Credit Plus

(CCP). In the initial phases of the partnership, Warren school administrators will meet with Katie Good, Tech Prep Chief Administrator, and Debbie Gurtis, CCP Director, on a monthly basis to develop pathways and programming.

This year **Rio Grande Community College/University, Buckeye Hills Career Center, and Ohio College Tech Prep** have worked towards building a strong partnership. While building the partnership, they worked on multiple new bilateral agreements with the goal of having 100% articulation of the courses being taught at Buckeye Hills Career Center with courses offered at Rio Grande Community College/University. The partnership is still in the process of getting matches to fully articulate before sending out completed agreements, but have made significant strides towards the goal. After courses are 100% articulated, the Tech Prep Regional Coordinator and other representatives from Rio Grande Community College/University will present to students the credits available to them at Rio Grande Community College/University after successful completion of courses at Buckeye Hills Career Center. This partnership has generated great excitement and hopes to be an example for other Career Centers and Colleges across Ohio of the good works that can come for students when they work together with the mindset of 'what is best for the students'.

Growing from the SuccessBound II Conference on March 21, 2019, the **Tech Prep Regional Coordinator, Melanie DiCarlo**, partnered with the **Jefferson County Chamber of Commerce** and the **Jefferson County Educational Service Center** to bring together local businesses, secondary and post-secondary educators, and community representatives for discussion on workforce and education. The goal was to learn about business needs, Career Connections, to provide information on educational CTE structures and outcomes, and to encourage partnership between business and education to the benefit of the students and of the community. Each Child Our Future, Ohio Means Jobs Readiness Seal, and Career Technical Education connections were presented and discussed. Businesses were encouraged to reach out to educational partners and next steps were outlined, including participation in Business Advisory Committees with local K-12 and post-secondary education, opportunities to mentor students, development of a Workforce/Education Committee at the Chamber, and tours of business and industrial facilities for faculty and students, as well as opportunities for internship/apprenticeships. This meeting was the first of its kind in this area of the region, and has great momentum moving forward.

The EPIC Learning Community is a partnership between **Zane State College, Ohio College Tech Prep, and the 5 local High Schools** (Rolling Hills Local School District, Noble Local School District, Caldwell Exempted Village School District, East Guernsey Local School District, and Cambridge City School District). This learning community will focus on developing college readiness and career exploration for students. The mission is to improve access and opportunity in Appalachia Ohio. Zane State College will offer a variety of programming to bridge the skills gap in Guernsey and Noble Counties, provide options to earn Industry Recognized Credentials or college credit, and to provide additional career exploration. The Tech Prep Regional Coordinator will support the community by supporting students once weekly on site.

Exemplary Programs of Study

The following chart highlights six exemplary examples of Programs of Study:

Secondary School District	Partner Post-Secondary Institution	Pathway Code
Mid-East Career & Technology Center	Zane State College	Computer Networking/Electronic Technology (F6)
Mid-East Career & Technology Center	Zane State College	Robotics, Automation & Design (F6)
Buckeye Hills Career Center	Rio Grande Community College	Medical Assisting (JM)
Tri-County Career Center	Hocking College	Ground Transportation (T9)
Mid-East Career & Technology Center	Hocking College	Ground Transportation (T9)
Eastland Career Center	Hocking College	Programming and Software Development (N3)
Marietta High School	Washington State Community College	Engineering & Design (F6)

REGIONAL CENTER NARRATIVE

1. Region at a Glance

Chief Administrator: Jennie Koch

Fiscal Agent: Andrew Cox

Regional Coordinator	Office Location
Jamie Bollinger	Cuyahoga Community College
Jennie Koch	Kent State University
Chris Riley	Lakeland Community College
Deanna Strauss-Hersko	Lorain County Community College
Greg Timberlake	North Central State College
Shelly McCombs	Stark State College
Kelly Herold	The University of Akron
Arlene Floyd	Youngstown State University

Total Budget: \$429,472.50

2. Regional Center Overview

The Northeast Regional Center (NERC), founded in FY18, is a combination of two previous College Tech Prep regions: The East Central Region and their higher education partners, The University of Akron (UA), Kent State University (KSU), Stark State College (Stark State), and Youngstown State University (YSU) and the Northeast Region and their higher education partners, Cuyahoga Community College (Tri-C), Lakeland Community College (Lakeland), and Lorain County Community College (LCCC). In addition, several counties from the former Northwest and Central Regions were also added to the service area, including an eighth post-secondary partner, North Central State College (North Central). In total, the Northeast Regional Center serves over 240 school districts, nineteen college campuses, and eighteen counties.

The Northeast Regional Center is hosted at Kent State University and Cuyahoga Community College serves as the fiscal agent. The NERC is responsible for providing oversight and ensures that educational partners receive information flowing to and from ODE and ODHE. Working closely with the NERC Chief Administrator, each institution houses a Tech Prep Coordinator who is responsible for the operation of the grant goals at their institution. Through the years, the post-secondary partners have had a long-standing, positive history of working collaboratively in the service of students and the development of post-secondary pathways and college-credit opportunities. The development of these strong, long-term relationships has allowed institutions to seamlessly work in partnership to ensure the required and evolving grant deliverables are met. With only four of the eight institutions reporting this statistic,



Northeast Regional Center

800 E. Summit Street
Schwartz Center 210A
PO Box 5190
Kent, Ohio 44242

Northeast Ohio College Tech Prep students saved \$1,479,124 in FY18 by earning 11,713 college credits. In addition to our educational partners' commitment to provide high-quality programs of study, facilitating student success, and assisting with college matriculation; each institution is committed to working with business and industry to ensure that students are ready to fill the pipeline of in-demand career fields with highly prepared and skilled workers upon graduation.

3. General Listing of Services

Services provided by the Northeast Region College Tech Prep Center include providing leadership and support to all stakeholders within the region. Key services include:

- Serving as a liaison on behalf of the Ohio Department of Education (ODE), Ohio Department of Higher Education (ODHE) and all regional partners
- Providing leadership in the development of articulation agreements and Programs of Study; liaising between secondary and post-secondary faculty
- Assisting institutions with CTAG submissions
- Connecting business and industry representatives with education to provide work-based learning
- Creating opportunities for stakeholders to engage in meaningful dialogue
- Serving on various education and community committees and boards
- Providing guidance and assistance for students matriculating to higher education
- Providing professional development opportunities for all stakeholders
- Collecting and reporting data

PERFORMANCE/YEAR-END REVIEW

Main Pathway Development/Articulation Grant Work

The following chart represents the work done by the Northeast Regional Center in the career fields identified by the Ohio Department of Education for renewal in FY19: Business, Construction, Finance, and Law and Public Safety.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available on AA
Business	74	73	8
Construction	86	107	6
Finance	5	22	6
Law & Public Safety	37	17	16
FY19 Total	202	219	9

The following chart reflects work done beyond the slated scope of work identified for FY19. This details the support provided to secondary partners beyond the mandated career-fields identified in Chart #1.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available (CCP, CTAG, bilateral and articulation agreements)
Agriculture	14	10	3
Arts & Communication	17	25	9
Education	1	4	16
Engineering	25	19	12
Health	14	44	10
Hospitality & Tourism	2	25	8
Human Services	12 (JTC)	3	30
IT	40	43	12
Manufacturing	7	18	6
Marketing	8	10	16
Transportation	1	16	21
CBI	23		
FCS	9		
ICO	87		
FY19 Total	260	217	13

The following chart reflects events, professional development, and support systems provided by Northeast Regional Center beyond the work of articulation and credit transfer.

Name of Event	# of Stakeholder Attendees (excluding students)	# of Student Attendees (if applicable)	# of CTPDs Represented	# of Outside Partners Represented (Charter, private, parochial, etc.) (if applicable)	# of PS Partners Represented (if applicable)
CTE-26 support	31	0	9	2	1
CTAG submissions	19	0	7	1	1
CTAG processes Tri-C Deans meeting	22	0	1	0	1
RITE	335	317	20	1	27
FlexFactor	516	1325	7	0	7
Tech Prep: Classroom Visits	27	650	6	0	1
Tech Prep: Campus Visits	15	120	2	0	1
Tech Prep: Meetings re: Articulation, CTAGs, CTE-26s, CTE/CCP	80	0	3	1	1
Tech Prep: Instructor PD	15	0	1	0	1
STEM Forum	25	80	3	0	1
Advisory Council and BAC Meetings	50	0	2	0	1

HS Counselors Meetings	120	0	4	5	1
County Counselors Meeting	30	0	1	0	1
3 to Get Ready Program	5	20	2	1	1
CCP Nights	250	250	15	3	1
CCP Faculty Convocation	75	0	0	0	1
College Fair	500	1000	2	5	1
University Partnership Fair	25	75	2	0	15
TCTC Engineering Pathway Advisory Meeting	10	3	2	0	2
Choffin Advisory Meeting	100	0	2	0	2
YSU Postsecondary College Info Meeting	0	115	1	0	1
AWTThink Manu Robotic	9	175	3	8	1
Interview Workshop	0	63	0	0	0
Resume Workshop	0	72	0	0	0
LinkedIn Workshop	0	65	0	0	0
Career Excelerator	0	20	0	0	0
ACCUPLACER Days	24	1200	13	0	1
Business and IT Fair	32	110	0	0	1
Careers in Welding and Computer Integrated Manufacturing Technology Info Session	Late June Event	-	-	-	-
Health Programs Open House	25	120	0	0	0
CCP High School Visits	62	0	0	0	1
Registration Days	0	350	4	0	1
Manufacturing Days	7	175	6	0	10
Campus Pathway visits	20	700	5	2	32
Advising Days	5	300	4	0	2
Community Education Celebration	120	35	1	0	2
Career Expos	50	1100	10	0	2
Pathway Meetings	60	0	15	0	8
Steering Committee Meetings	60	6	1	2	8
BAC Meetings	144	0	6	0	6
Internal College Trainings	78	0	0	0	78
Internal Employer Advisory Committee Meetings	52	0	0	52	10
Counselor Appreciation Breakfast	82	0	33	6	27
Superintendent's Meetings	63	0	8	0	9
Teacher Connect – Marketing	23	0	9	0	2
PC Meeting 9-22-18	45	0	22	0	8
Teacher Connect	50	0	10	10	11

CTAG Workshop	32	0	16	3	5
CTE-26 Workshop	34	0	19	0	6
CTE-26 Workshop	37	0	21	0	5
SuccessBound	199	10	36	5	28
PC Meeting 3-6-19	56	0	32	1	8
Perkins V Meeting	54	0	15	3	8
Meeting with Fashion School	10	0	1	0	3
2-27-19 KSU Recruitment Fair	0	500	0	0	2
3-20-19 KSU Recruitment Fair	0	400	0	0	2
4-12-19 KSU Recruitment Fair	0	250	0	0	2
Corrosion Camp for Teachers UA	20	0	10	0	2
Sports Science Visit Day UA	125	116	4	0	1
Engineering Visit Day UA	20	19	1	0	1
CIS Visit Day UA 1-25-19	56	53	4	1	1
CIS Visit Day UA 3-1-19	85	81	4	0	1
Counselor Update UA	20	0	10	0	1
CTE Admin Update UA	20	0	9	0	1
MS Cyber Camp	27	25	2	0	1
Teacher Cyber Camp	25	0	1	0	1

WORK-BASED LEARNING

Relationships Between Business and Industry

The following chart reflects work-based learning fostered by Northeast Regional Center based on new opportunities, learning agreements, connection between business and industry, and engagement of Adecco partnerships.

Level 1: Initial Engagement	Any Contacts, Meetings; including workshops, fairs with business/industry
UA – 48 meetings	Meetings
Tri-C Information Technology Dept	April 2019, May 2019
Tri-C Event Planning Team	September 2018, December 2018, March 2019, June 2019
WF Hann	TCs and onsite meeting with CTPD
IBM	Lunch and Follow Up

Millennial Group	Meetings and Referral
Merrill Lynch/Bank of America	Meeting re: Internships
Cleveland Cavaliers	Request for Info re: Work Based Learning and Adecco
Cleveland Indians	Email and In-person discussions, Meeting with high school CareerTech director scheduled
Keene Manufacturing	Meeting requested by employer
Pickans Mather	Guests at In Demand Jobs Week
Mercy Medical	Meeting
Combi Packaging	Letter
Honda	Letter
HP Products	Phone Call
Pro Football HOF	Phone Call
Sherwin Williams	Meeting
The Timken Co.	Meeting
Timken Steel	Meeting
Metro Health	Meeting
Akron Children's	Meeting
BWXT	Meeting/Phone Call
Summa Health	Meeting
AEP	Meeting
Reserve Management Group	Phone Call
Americhem	Phone Call
FreshMark	Meeting
Oatey	Meeting
Buschman	Meeting
Martindale	Meeting
B&R Machine	Meeting
Voss	Meeting
Lincoln Electric	Industry Tour
A.J. Rose Manufacturing	Industry Tour
Thogus Inc.	Industry Tour
AgriNomix	Industry Tour

Green Circle Growers	Industry Tour
HIMMS Innovation Center	Industry Tour
Beckett Gas	Industry Tour
Beckett Air	Industry Tour
BioEnterprise	Industry Tour
Cleveland Clinic Innovations	Industry Tour
Hyland Software	Industry Tour
Blue Spark Technologies	Industry Tour
TRG	Industry Tour
Hyland Software	Guest Speakers
MTD Products	Guest Speakers
Lincoln Electric	Industry Mentors
A.J. Rose Manufacturing	Industry Mentors
Thogus Inc.	Industry Mentors
AgriNomix	Industry Mentors
Green Circle Growers	Industry Mentors
HIMMS Innovation Center	Industry Mentors
Beckett Gas	Industry Mentors
Beckett Air	Industry Mentors
BioEnterprise	Industry Mentors
Cleveland Clinic Innovations	Industry Mentors
Hyland Software	Industry Mentors
Blue Spark Technologies	Industry Mentors
TRG	Industry Mentors
University Hospitals Rainbow	Meeting
Donley's Inc.	Meeting
Lubrizol	Meeting
Lumitec	Meeting
Moen	Meeting
MUM Industries	Meeting
NASA Glenn Research Center	Meeting

Nestle	Meeting
Nordson	Meeting
PolyOne	Meeting
RIDGID/Emerson	Meeting
Royal Plastics	Meeting
84 companies provided job shadowing opportunities for 121 students	Job Shadowing
Level 2: Commitment	Contracts/Teacher, Business, Industry and District Approvals; ODE Work-Based Learning Toolkit Used and Adapted; Adecco (or other) Engagement in Initial Commitment Process
Tri-C	Information Technology Dept
Tri-C	Event Planning Team
Millennial Group	4 Internships
McDonald Hopkins	Commitment to WBL opportunity
The K Company	Tours, Offering CCP at location, mock interview, internships
Mercy	Coders, LPN-RN
BWXT	Internships
Fresh Mark	Tours, mock interviews, Career Expos, Hired
Ohio Gratings	Internships
DRB	Career Fairs, Internships
Fastenal	Hire, Tours, Tuition Reimbursement
Professional Detailing	Employment Opportunities
ComDoc	Career Expos
Delta Media Group	Classroom Speakers
GOJO	Speaker Engagements
Hendrickson	Field Trips
Spectrum	Speaker Engagements
Standard Printing	Employment Opportunities
SUMMA	Career Expos
Mercy Medical	Career Expos, Hire
Oatey	Manufacturing Day
Buschman	Tour

B&R Machine	Tour
Martindale	Tour
Voss	Tour
Level 3: Implementation	Adecco Engagement in Labor Relationships (if paid/applicable); Credit Flex; Job Site Readiness; Student Supervisor/Transition Coordinator; Work Plan
N/A	N/A
Level 4: Enrollment	Student Participation; Internships; Externships; Pre-Apprenticeships
Oatey	Internship
Buschman	Internship
Martindale	Internship
B&R Machine	Internship
Voss	Internship
UA-4 pre-apprenticeships	Pre-apprenticeships
CAT – 1 student	Internship
Bolo Stick – 1 student	Internship
Glunt Industries – 2 students	Internship
Greenbriar Health Care – 1 student	Internship
Greenwood Chevy – 2 students	Internship
Hornbeck Home Renovations – 3 students	Internship
John’s Landscaping and Excavating – 1 student	Internship
Lou Wollam Chevrolet – 1 student	Internship
Mahoning Valley Scrappers – 2 students	Internship (summer)
Mercy Health St. Joseph Hospital – 13 students	Internship
Ohio Living Lake Vista – 13 students	Internship
Shepherd of the Valley – 2 students	Internship
TJ Maxx	Internship
Valley Electric – 4 students	Internship
16 Cosmetology Students – various salons	Internship
11 Marketing Students – various businesses	Internship

Bill's Towing & Services	Internship
Total Tire	Internship
Ed Wilson & Son Trucking	Internship
Andy's Tire and Auto	Internship
Crestview Auto Body	Internship
Crossroads@ Beaver Creek	Internship
Petzone Dog Grooming	Internship
Stamp Farms	Internship
Bowyer's L&M Hardware, Inc.	Internship
United Local School	Internship
Kibler Longrifles	Internship
Electronics123.com, Inc.	Internship
Compco Quaker Mfg.	Internship
The Vineyards @ Pine Lake (Building and Grounds)	Internship
Strohecker Inc.	Internship
Home Care Advantage	Internship
Sunny Ridge Veterinary	Internship
State Street Salon	Internship
Tractor Supply	Internship
Enviroscapes	Internship
SSI	Internship
Baird's Landscaping	Internship
Masternide Memorial (Windsor House)	Internship
Camouflage Stables	Internship
Hill International	Internship
Level 5: Assessment	Formative and Summative; Student-Based; Employer-Based; Observation (third party)
N/A	N/A

FINANCIAL STATEMENT

Budget

	Tri-C	Partners	Total	Grand Total
100 - Salaries	53,662.00		53,662.00	53,662.00
200 - Fringe	17,059.00		17,059.00	17,059.00
400 - Purchased Services	1,360.00	357,391.50	358,751.50	358,751.50
500 - Materials	-		-	-
Total	72,081.00	357,391.50	429,472.50	429,472.50

Budget

Cuyahoga Community College (083404) - Cuyahoga County - 2019 - Tech Prep Pathways Grant - Rev 0 - Tech Prep Pathways Grant

Go To

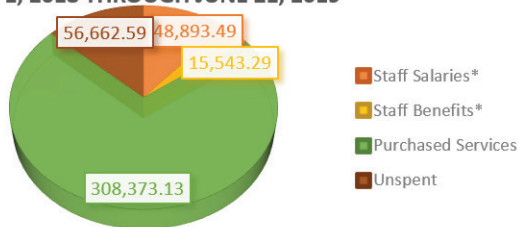
U.S.A.S. Fund #: 499

Plus/Minus Sheet (opens new window)

Purpose Code	Object Code	Salaries 100	Retirement Fringe Benefits 200	Purchased Services 400	Supplies 500	Capital Outlay 600	Other 800	Total
Instruction		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Support Services		53,662.00	17,059.00	358,751.50	0.00	0.00	0.00	429,472.50
Governance/Admin		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prof Development		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Family/Community		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safety		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Facilities		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transportation		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nonpublic		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Indirect Cost							0.00	0.00
Total		53,662.00	17,059.00	358,751.50	0.00	0.00	0.00	429,472.50
Adjusted Allocation								429,472.50
Remaining								0.00

Budget Breakdown

OHIO TECH PREP NORTHEAST REGIONAL GRANT EXPENSES JULY 1, 2018 THROUGH JUNE 21, 2019



* Unspent funds will be spent by June 30, 2019.

Ohio Tech Prep Northeast Regional Grant July 2018 - June 21, 2019			
		Budget	Actual
100	Staff Salaries*		
2106	Professional	\$ 53,662.00	\$ 48,893.49
100 Summary		\$ 53,662.00	\$ 48,893.49
200	Staff Benefits*		
2501	Full-Time Fringe Benefits	\$ 17,059.00	\$ 15,543.29
200 Summary		\$ 17,059.00	\$ 15,543.29
400	Purchased Services		
	Tech Prep Partners	\$ 357,391.50	\$ 307,945.12
3201	Out of County Travel	\$ 316.94	\$ -
3202	In County Travel	\$ 428.06	\$ 428.01
3333	Reprographic Ctr Charges	\$ 465.00	\$ -
3371	Postage	\$ 150.00	\$ -
400 Summary		\$ 358,751.50	\$ 308,373.13
500	Supplies		
500 Summary		\$ -	\$ -
800	Other		
800 Summary		\$ -	\$ -
Grand Total		\$ 429,472.50	\$ 372,809.91

*Staff Salaries and Benefits represent Tri-C expenses. Partner salaries and benefits are included in Purchased Services in accordance with the CCIP budget.

Financial Summary

Cuyahoga Community College served as the fiscal agent for the Northeast Region Center (NERC) for the grant period. The grant provided \$429,472.50 to the NERC for the period of July 1, 2018 – June 30, 2019. The funds were distributed based on a Memorandum of Understanding (MOU) agreed to by the partner post-secondary institutions. The NERC received an additional \$7500 from the ODE for the Success Bound Conference. All funds were budgeted for the regional Tech Prep program, and the expectation of the fiscal agent is that all funds will be expended by the end of the grant period.

As a commitment to the success of Tech Prep in our region, the NERC post-secondary partners have been paying a significant portion of staff salaries and benefits through in-kind contributions to sustain the work of Tech Prep. Further, several staff members have met with legislators throughout the year to keep them abreast of our services, results and fiscal needs while discussing labor market needs and employment trends. Tech Prep continues to sustain its momentum by joining forces with business and industry as well as many initiatives such as Chambers of Commerce and Ohio Means Jobs offices to share the work of filling the talent pipeline for Ohio. Employer engagement is increasing as they see increased value of what Tech Prep brings to the table and thus they voice the need for the sustaining of Tech Prep's assistance. The provision of extensive services to school districts has led many leaders to voice that Tech Prep must be sustained as they are unable to provide these services themselves. Through all activities and enhanced communication, the region increases community awareness and interest and increases opportunities to connect our stakeholders, strengthen our partnerships and thus further enhance our sustainability. Data and other information is shared with ODE staff, legislators and others who are responsible for funding allocations. Fees are being charged for previously free workshops in an attempt to sustain the Tech Prep funds.

PARTNERSHIP HIGHLIGHTS

Lorain County Community College - Expansion of FlexFactor

In collaboration with NextFlex, a Manufacturing USA Institute, LCCC kicked off its inaugural year of the FlexFactor program. Launched as a pilot with 13 students in March 2018, this year Lorain County FlexFactor will engage more than 750 students; challenging them to use technology to solve real-world problems. Geared towards 9th – 12th graders, students spend five weeks diving into an engaged research program that is structured to be appealing and fun. Through teamwork and intentional interactions with business and education mentors, students develop professional skills including teamwork, reasoning, communication, and critical thinking, preparing them for the culminating event, their final pitch. Students participate in a field trip experience to a local industry partner in advanced manufacturing, technology, or applied professional field; Lorain County Community College; and receive mentoring on their project from both collegiate and industry professionals. Two condensed versions of the program are available for younger students: one-day workshops for students in grades 3-8; and a two-week version of the program, geared towards students in grades 7-8.

Stark State College - New opportunity for high school students to earn free college credits that will seamlessly transfer to an information technology Bachelor's degree and eventual Master's degree at University of Cincinnati.

- Ten courses will be offered through Stark State College via CCP that will articulate into 27 credit hours at the University of Cincinnati.
- Participating students are extended full-time paid, rotating, co-op (average pay is \$14-15/hour).
- Students are required to co-op five semesters for a Bachelor's and two semesters for an associate degree.
- Within six months after graduation, 98% of students are placed in an IT career with an average annual salary of approximately \$45-50K.
- After graduating with a Bachelor's degree an opportunity for seamless transition into Master's in IT.

University of Akron - University of Akron and Barberton City Schools Create First of Its Kind Cybersecurity Partnership

The Barberton City School District and The University of Akron just announced a cybersecurity partnership that unlocks new pathways to success for Barberton students, including the opportunity for advanced enrollment into the premier cybersecurity postsecondary program in Northeast Ohio. The strength of Barberton's new program begins in Barberton High School where students can earn up to 15 hours of college credits before graduation, enabling them to begin their college coursework at UA well ahead of expected progress for a typical incoming freshman cybersecurity student. The quality of the Barberton program will help students enrolled in it save time in college and better manage the required financial investment. Classes in the Barberton High School program will cover cutting-edge topics such as network setup and configuration, network security testing, and network optimization and upgrading.

Lakeland Community College – New Programs Lead to Student Success

Lakeland is pleased to announce the approval of its Associate of Applied Business – Cybersecurity Concentration as a degree pathway. Students in a number of high school career tech programs can earn credit towards this degree. By requiring classes from a wide variety of disciplines including criminal law, business and IT, high school students gain more opportunity and value, should their course of study change after graduation. A number of Mentor High School students currently take career tech classes on Lakeland's campus, including students in information technology programs. Our expanded cybersecurity curriculum presents an increased opportunity to earn credit while in high school through articulated credit, CT, and CCP. In addition, Lakeland is currently negotiating with business leaders to establish partnerships focusing on cybersecurity. It is expected that an announcement will be made as to these partnerships in fall of 2019. In the fall of 2018, Lakeland opened its state of the art health care building. Along with this new building came new programming. Students now have an opportunity to earn their State Tested Nursing Assistant (STNA) certificate through Lakeland's program. High school students can earn credit through various career tech programs, eliminating the need to take one third of required courses. Healthcare has been identified as one of the leading job growth industries. The U.S. Department of Labor Statistics projects growth of 11% for STNAs through 2026. Lakeland is well positioned to offer high school students an expedited pathway to working in this profession.

Kent State University - New Partnership with Akron Public Schools Illuminates Career Path for High School Students

A group of high school sophomores from Firestone Community Learning Center in Akron spent a week at Kent State University exploring university programs and learning more about college and careers. The program is part of Kent State's new partnership with Akron Public Schools, in which three new college and career academies at Firestone High School will bear Kent State's name. The Kent State University Academy of Design, the Kent State University Academy of Performing Arts, and the Kent State University Academy of Advanced Technology and Comprehensive Engineering will open at Firestone in 2019. The week's program was designed to give students a sampling of various Kent State colleges and schools, and potential careers that require education in those fields. The program also provided college readiness and transition information and experiences for students and their parents.

Six Exemplary Programs of Study

BUILDING NAME	DISTRICT NAME	CTPD NAME	PATHWAY
Barberton High School	Barberton City Schools	4 Cities Compact	N4
Mayfield High School	Mayfield City Schools	Mayfield ExcelTECC	DD
Polaris Career Center	Polaris Career Center	Polaris Career Center	C4
Portage Lakes Career Center	Portage Lakes Career Center	Portage Lakes Career Center	P6
Trumbull Career & Tech Center	Trumbull Career & Tech Center	Trumbull Career & Tech Center	P1
Perry High School	Perry Local Schools	Perry Local	G2

*N4 – Cyber Security

*DD – Construction

*C4 – Business and Administrative Services

*P6 – Firefighting and Emergency Medical Services

*P1 – Criminal Justice

*G2 – Finance