

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: \$391,901.49

2. Regional Center Overview/History

The Central Region Ohio College Tech Prep Center was originally formed by consolidating three Tech Prep consortia. This year, the Tech Prep Regional Centers were 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 hosted OCTANE Workshops
- 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.techprepcentral.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 14 years of experience working in secondary and higher education and over eight years of post-secondary leadership and management experience. For the past seven years, she has served as the Central Region Tech Prep Consultant for Central Ohio Technical College. 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 serves on Ohio ACTE's Career-Technical Administrator's (OCTA) Executive Board, 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.

Regional Coordinator, Ruth Ann Falconer has over 40 years of experience in career technical education. 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.

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 of the 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. 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. Regional Consultant, Dave Gorenflo has spent 46 years in education as a social studies instructor, coach, assistant principal, athletic director, high school principal, and STEM coordinator. Since 2010 he has served at Marion Technical College as a Tech Prep Consultant with the Central Region Tech Prep Center where he assists area career-technical students by helping create meaningful pathways to college and careers.

Central Region SuccessBound Conference Overview

Representatives from education, business and industry, community organizations, and government agencies convened on May 9, 2018, at the Quest Conference Center in Columbus for the Central Region SuccessBound Conference. Over 200 attendees participated in 32 sessions featuring speakers from organizations such as Columbus 2020, the Governor's Office of Workforce Transformation, Ohio State Apprenticeship Council, 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. The Central Region has already started planning the 2019 Regional SuccessBound Conference.

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 transition in FY18 (for renewal in FY18): Career-Based Intervention (CBI) and Job Training Coordinating (JTC), Information Technology, Engineering, Manufacturing.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available on AA	Statewide AA Completed During FY18
CBI & JTC	89	0	0	0
Information Technology	121	47	8.7	16
Engineering	120	24	3.5	1
Manufacturing	25	8	5.5	0
FY18 Total	355	79	6.8	17

The following chart reflects work done beyond the slated scope of work identified for FY18. 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 18	Average Number of Credits Available (CCP, CTAG, bilateral and articulation agreements)
Agriculture & Environmental Systems	5	12	5	5.75
Arts & Communication	5	22	0	7.1
Business & Administrative Services	17	12	1	10.75
Construction Technologies	3	40	2	13.5
Education & Training	4	15	7	7.2
Finance	1	3	0	6
Health Science	6	54	5	14.7
Hospitality and Tourism	2	17	7	9.4
Human Services	0	2	0	16
Law and Public Safety	0	13	1	13.8
Marketing	0	20	0	3.9
Transportation Systems	0	13	2	5
FY18 TOTAL	43	223	47	10.4

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)
Fall Steering Committee Meeting	13	0	7	0	1
CTAG Workshop	7	0	3	0	0
Winter Steering Committee Meeting	21	0	6	5	3
CTE-26 Workshop	7	0	3	0	0
CTE-26 Workshop	10	0	3	0	0
OCTANE- Marion Tech	6	0	2	1	0
OCTANE-Columbus State	14	0	5	1	2
Spring Steering Committee Meeting	8	0	4	0	0
Central Region Success	3	250	3	0	0
Bound Conference	205	0	12	50	9
Summer Steering Committee Meeting	11	0	5	0	3
Lancaster City Campus Visit-COTC	9	40	1	0	1
Middle School Math Competition-Marion	12	254	1	0	6
High School Math Competition-Marion	10	164	1	0	6
COTC CTE-26 Workshop-C-TEC	14	0	1	0	0
Marion Tech CTE-26 Workshops	7	0	1	0	0
Columbus State CTE-26 Workshops	23	0	6	0	0
Columbus City College Credit Workshop	60	120	1	0	2
Fall Tech Prep Meetings	22	0	11	0	0

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
Regional SuccessBound Conference	205 attendees including 50 Employers
State SuccessBound Conference	400 attendees/Adecco and Employers in Attendance
C-TEC Career Express	90 business representatives
Marion Executive Management Council	Meets 5 times per year
Licking County Chamber of Commerce-Young Leaders	Regional Business and Industry
City of Dublin	Shared WBL Toolkit
Adecco Initial Engagement-Gahanna Schools	Adecco
Adecco Initial Engagement-Custom Air Conditioning	Adecco
Adecco Initial Engagement-Delaware Area Career Center	Adecco
Adecco Initial Engagement-Tri-Rivers Career Center	Adecco
Adecco Initial Engagement-South-Western City Schools	Adecco
Steering Committee Meeting	Adecco Orientation Columbus Chamber Meeting
Fall Meetings (11 CTPDs)	Introduced Adecco and WBL Toolkit
E-STEM-Reynoldsburg	Adecco Introduction
Business and Industry Engagement Survey Conducted	Regional SuccessBound Conference
Columbus 2020 Meeting	Business Engagement
Regional Adecco Meeting	Adecco Engagement
Meeting with Liane Makin	Regional Adecco
CSCC, Nationwide Children's Hospital (NCH), and Columbus City WBL Meeting	Business/Industry Engagement
Columbus City, NCH Assembly (8th Graders)	Business/Industry Engagement
Grow Licking County Meeting	Business/Industry Engagement

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-Benjamin Logan Schools	Adecco
Level 3: Implementation	Adecco Engagement in Labor Relationships (if paid/applicable); Credit Flex; Job Site Readiness; Student Supervisor/Transition Coordinator; Work Plan
South High School Externship with NCH	Job Site Readiness
South High School Sophomores-NCH (71 students)	Job Site Readiness
Level 4: Enrollment	Student Participation; Internships; Externships; Pre-apprenticeships
Adecco Enrollment-Ohio Hi-Point Career Center	Externship
Adecco Enrollment-Honda of America	Externship
South High School Freshman Job Shadowing (112 Experiences with NCH)	Student Participation
Level 5: Assessment	Formative and Summative; Student-Based; Employer-Based; Observation (third party)
N/A	N/A

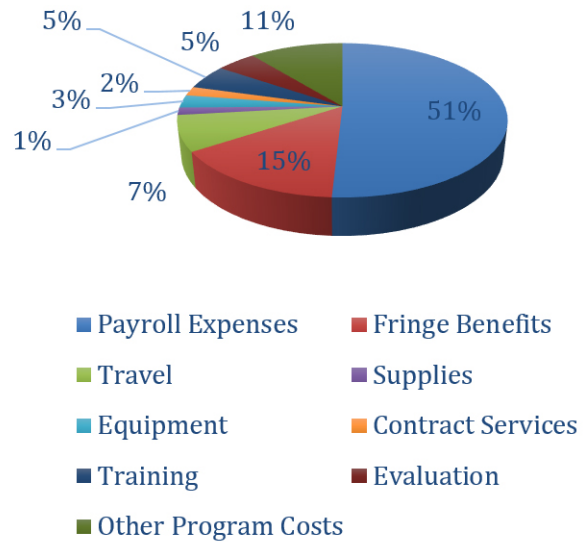
- The Central Region collected baseline Work-Based Learning data for the purpose of measuring future growth. (Attachment-page 15)
- In the first phase of WBL implementation, the Central Region focused on identifying baseline data to identify current WBL opportunities being offered at each district. The Central Region focused on initial engagements of new WBL opportunities. The above chart only represents activities with which the Central Region staff were directly involved.

FINANCIAL STATEMENT

Central Region Budget FY2018

Expenses	Amount
Payroll Expenses	\$199,290.90
Fringe Benefits	\$58,274.94
Travel	\$29,324.89
Supplies	\$6,121.08
Equipment	\$10,500.00
Contract Services	\$7,560.00
Training	\$20,232.25
Evaluation	\$18,000.00
Other Program Costs	\$42,597.43
Total Grant	\$391,901.49

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 \$10,000 to host its regional SuccessBound Conference. Expenses totaled \$10,000.99. Revenue from registration fees totaled \$2,857.44.

Sustainability

Sustainability was discussed at four quarterly steering committee meetings. Partner input indicated that services currently provided are invaluable to the districts and cannot be provided by each district. Given the reduced funding for FY19, 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

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 OhioTech Prep regions. The following are highlights of partnership activities:

- The Central Region hosted its Regional SuccessBound Conference on May 9th in Columbus. The event was hosted in conjunction with ODE, ODHE, Columbus 2020, and The Governor's Office of Workforce Transformation during Ohio's In-Demand Jobs Week and attracted 205 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 Columbus State Community College (CSCC) Consultant presented to over 120 Columbus City School seniors on college credit opportunities and industry credentials. It is anticipated that more students will access their earned credit thus saving time and money.
- 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 participated in C-TEC of Licking County's Career Express Workshop for local students which included presentations, mock interviews, a college and career fair, and motivational speakers. The event included over 130 students, 90 employers, and 160 community volunteers.
- Columbus State Community College (CSCC) provided course of study and college credit professional development workshop for over 60 Columbus City Schools teachers this summer. Following the presentation, individual consultation was provided for those seeking assistance on CTAG submission. Teachers gained a better understanding of college credit opportunities so they can more effectively advise students regarding options following graduation.
- 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 two, \$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 related workshops, including OCTANE, to assist secondary and post-secondary partners in navigating the CTAG submissions process and ensuring statewide agreements were in place for students to access after 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 served as the ACTE (Association for Career and Technical Education) Region 1 Fellow. As a fellow she represented 15 states. 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 and presented at the ACTE Vision Conference and also served on the Region 1 Policy Committee and served as the ACTE Region 1 Conference Chair this year.
- 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 will serve on the SuccessBound Planning Committee for FY19.

Central Region Big 8 Initiative

Work-Based Learning Continuum: Columbus State Community College, Nationwide Children's Hospital, and Columbus City Schools have partnered to deliver a work-based learning continuum for Columbus South High School students.

The exposure to the Work-Based Learning Continuum begins in the eighth grade with a school assembly that shares the opportunities the students will have in high school with Nationwide Children's Hospital (NCH) as well as with Columbus State Community College through Dual Credit.

In early autumn teachers from South High School participate in a two-day teacher externship at NCH. The teacher externs rotate through 4 units: Registration, Nutrition, Materials Management, and EVS. Through their externship they can bring what they have learned to the classroom. A key learning piece in each of the units is to determine and view what soft skills are needed to be a successful employee in that unit.

In January, South High School freshman students begin preparing to job shadow. The experience is a half day for the student in one of the units—Registration, Nutrition, Materials Management, and EVS. Students have to submit health records including having received a flu shot in order to participate. Transportation is provided by the school district. In 2017-2018 there were 112 separate experiences in the units. Following the students' shadowing, reflection papers were written based on certain questions.

As sophomores, students go to NCH (transportation provided) to hear a panel of NCH professionals share their experiences on their road to their careers. The question/answer portion was an amazing discussion in itself. One of the goals of the panel discussions is to share with students many career options as well as the journey to get there. In 2017-2018, 71 sophomores participated in the event.

In 2018-19, the junior students will have additional shadowing opportunities along with the option of participating in an Exercise Science pathway at South High School taught by a Columbus State instructor that includes Dual Credit opportunities for the students.

In 2019-20, the plan is for the senior students to participate in an internship (if qualifications met) at NCH. The internship would be in a student's area of interest.

NCH, Columbus State, and Columbus City Schools work closely together in planning and implementing the continuum of experiences.

Exemplary Programs of Study

Tri-Rivers Career Center	F6—Engineering and Design
Berwick Alternative K-8 School (Columbus City)	N3—Programming & Software Development
Dublin Coffman High School	E1—Teaching Professions
Fairfield Career Center	A2—Animal Science & Management
Fort Hayes Arts & Academic School	B1—Performing Arts
South-Western Career Academy	N1—Interactive Media

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	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: \$580,752.29

2. Regional Center Overview/History

The new 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 232 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 at the



Northeast Regional Center
Kent State University
MSC 210
PO Box 5190
Kent, Ohio 44242

time of the report submission, Northeast Ohio CollegeTech 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 from high school.

3. General Listing of Services

Services provided by the Northeast Region CollegeTech 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 secondary and post-secondary institutions with CTAG submissions
- Connecting business and industry representatives with education
- 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 FY18: CBI and JTC, Information Technology, Engineering, Manufacturing, and Business.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available on AA
CBI & JTC	118 (CBI) CTE-26s / 39 JTC M3 / no POS	NA	NA
Information Technology	111 CTE-26 and POS	300	14
Engineering	151 CTE-26 and POS	160	8
Manufacturing	52 (35 Manufacturing + 17 Welding)	101	10
FY18 Total	471	561	32

The following chart reflects work done beyond the slated scope of work identified for FY18. 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	16	41	8
Arts & Communication	8	30	8
Business	14	31	5
Construction Technologies	4	18	7
Education & Training	3	11	8
Health	13	85	11
Law	2	19	30
Human Services	1	22	17
Transportation Systems	3	16	30
Hospitality & Tourism	1	16	6
Marketing	0	10	20
FY18 Total	65	248	150

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)
Credit Signing Day	50	1800	9	0	1
Application Days	50	1800	9	0	1
Excel TECC Advisory Board	25	0	1	0	2
Manufacturing Day	7	150	0	2	2
Think Manufacturing	20	150	2	0	2
CT ² Workshop	8	0	2	0	1
Excel TECC Medical Advisory Board	7	0	1	0	0
LSC Advisory Meeting	35	5	1	0	0
AWT Robotics	3	250	3	0	0
Leadership Team Meetings (6)	7	0	0	0	7
Partnership Council Meeting 11-2-17	38	0	26	0	5
Partnership Council Meeting 3-5-18	21	0	15	0	5
Partnership Council Meeting 6-11-18	19	0	12	0	6

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)
SuccessBound	197	0	35	7	7
CCP and CTE Workshop	46	0	16	0	7
WBL Workshop	42	0	20	0	7
CTE-26 Workshop 1-30-18	42	0	27	2	5
CTE-26 Workshop 2-6-18	24	0	14	0	4
CTAG Workshop	34	0	12	0	6
Accessing College Credit	75	0	0	20	40
Counselor Appreciation Breakfast	90	0	28	10	20
Employer Advisory Council	42	0	0	0	8
Manufacturing Round Table	48	0	0	0	14
Career Expos	100	750	8	0	10
Mock Interviews	15	500	1	0	2
Open House	230	459	0	0	250
Live, Learn, Work, Play	11	0	13	11	2
Gear Up Training	6	0	1	0	1
Weld-Ed Camp	6	8	1	0	1
Titan Day Orientation	8	102	1	0	1
Mercy Rising Stars	5	30	1	0	1
Fall Convocation	9	0	0	0	1
Fall Planning Meetings	5	0	4	0	1
Cyber Security Degree	7	0	2	0	1
RITE Council HS Programming	8	26	2	0	1
Fall LCCC Counselor PD	25	0	0	0	1
Spring LCCC Counselor PD	19	0	0	0	1
Tech Prep Applications	12	315	4	0	1
STNA Accuplacer Testing	4	69	2	0	1
Norwalk Economic Development	7	0	1	0	1
Credential Testing	6	125	1	0	1
Fall HS Counselor PD	10	70	3	0	1
Spring HS Counselor PD	11	75	4	0	1
BPA Judging	1	12	0	0	1
DECA Judging	1	8	0	0	0
STEM Entrepreneurship and Innovation Forum	16	100	4	0	1
Huron County ECEC	5	0	0	0	1
CTE Accuplacer Testing	3	250	1	0	1

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)
Passport to IT	100	350	6	0	1
LCCC Pre Apprenticeship	4	0	0	0	1
FlexFactor	20	13	1	0	1
Campus Visits	16	300	2	0	1
IT Teachers	20	0	0	0	1
Business Advisory Meetings	22	17	1	0	1
Awards Ceremonies	3	22	1	0	1
TOTAL: 55 events	1,645	7,767		52	441

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
Youngstown/Warren Chamber of Commerce	Phone Call
Western Reserve Building Trades	Email
Youngstown Business Incubator	Email
Oh-Penn Manufacturing Collaborative West Central Job Partnership	Email
Mahoning Valley Manufacturers Coalition	Email
DRS	Meeting
Fenetech	Meeting
Progressive Insurance	Meeting
Ohio Valley	Meeting
Precision Metalforming Association	Meeting
Anchor Manufacturing	Meeting
Jergen's Corp	Meeting
Fredon	Meeting
The Kennedy Group	Meeting
Lincoln Electric	Meeting
Alliance for Working Together	Meeting
Part time and seasonal Job Fair	Job Fair

Business and IT Career Day	Program
Federal Jobs Workshop	Workshop
Meeting with St. Martin De Porres	Meeting
Bendix	Meeting
Bioenterprise	Meeting
Bluespark Technologies	Meeting
Borgers Ohio	Meeting
Dan T. Moore Company	Meeting
El Centro	Meeting
Fisher Titus Medical Center	Meeting
I-X Center	Meeting
Maker Gear LLC	Meeting
Magnet	Meeting
Mercy Hospitals	Meeting
Nanobio	Meeting
NASA Glenn Research Center	Meeting
Nextflex	Meeting
New Horizons Banking Company	Meeting
Nordson	Meeting
Norwalk Economic Development Corp.	Meeting
Oglesby Construction	Meeting
Pepperidge Farms	Meeting
Polyone	Meeting
Redhat	Meeting
Rite Council	Meeting
Spacebound	Meeting
Sherwin-Williams	Meeting
TRG	Meeting
Workroom Program Alliance	Meeting
Bluespark Technologies	Program
Cleveland Clinic Foundation	Program
Dan T. Moore	Program
El Centro	Program
Hyland Software	Program
I-X Center	Program
Maker Gear LLC	Program
Mercy Hospitals	Program
Nanobio Ohio	Program
Rite Council	Program
NASA Glenn Research Center	Program
Nextflex	Program
TRG	Program
Workroom Program Alliance	Program

Newell Brands	Meeting
Fastenal Com	Meeting
State Auto Insurance	Meeting
Mercy Medical	Meeting
Charter Communications	Meeting
Americhem Inc.	Meeting
Dlh Bowles/Industries	Meeting
Hilscher-Clarke	Meeting
Arconic	Meeting
Northwestern Mutual	Meeting
Canton Mercy	Meeting
Spectrum	Meeting
The Kenan Advantage Group	Meeting
Standard Printing	Meeting
AVI Aultman	Meeting
FedEx Supply Chain	Meeting
Abbott Electric, Inc.	Meeting
Altercare	Meeting
DRB Systems	Meeting
Magnet	Meeting
Hull	Meeting
Ross Environmental Services	Meeting
Soap Box Derby Marketing	Meeting
Conxus NEO	Meeting
All Sports Camp	Meeting
Wheeling Joint Apprenticeship Committee	Meeting
Action Packed Athletics	Meeting
Team NEO	Meeting
ASB Industries	Meeting
Oriana House, Inc.	Meeting
JHA Companies	Meeting
Guardian Protection Services	Meeting
JW Color	Meeting
Ohio Valley Oil and Gas	Meeting
Summa Hospital	Meeting
Cleveland Clinic-Akron General	Meeting
Arts Now	Meeting
Akron Snow Angels	Meeting
Summit County Financial Empowerment Center	Meeting
Battered Women's Shelter	Meeting
Oil Industry Education Coalition	Meeting
Akron Children's Hospital	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
Morse Company	Attended Career Fair
Aultman Hospital	Attended Career Fair; Provided Job Shadowing
The K Company	Hosted Open House; Guest Speaker; Attended Career Exploration Fairs; Field Trip to Company
Hendrickson	Scheduled Field Trips for Students; Attended Career Fair
Arconic Wheel and Transportation Products	Hired 3 Students; Attended Guest Speaker Series; Provided Mock Interviews
Construction Tech	Attended Career Exploration Fairs
JAT Testing and Inspection	Field Trip to Company
Youngstown Oxygen	Scheduled Field Trips for Students
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
N/A	N/A
Level 5: Assessment	Formative and Summative; Student-Based; Employer-Based; Observation (third party)
N/A	N/A

FINANCIAL STATEMENT

Budget

Budget								
Cuyahoga Community College (063404) - Cuyahoga County - 2018 - Tech Prep Pathways Grant - Rev 2 - 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		60,367.22	18,206.88	494,962.51	7,215.68	0.00	0.00	580,752.29
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		60,367.22	18,206.88	494,962.51	7,215.68	0.00	0.00	580,752.29
Adjusted Allocation								580,752.29
Remaining								0.00
		Tri-C	Partners	Total	07/01-09/30/17	Grand Total		
100 - Salaries		32,483.80		32,483.80	27,883.42	60,367.22		
200 - Fringe		10,152.00		10,152.00	8,054.88	18,206.88		
400 - Purchased Services		37,106.98	408,516.50	445,623.48	49,339.03	494,962.51		
500 - Materials		7,215.68		7,215.68		7,215.68		
Total		86,958.46	408,516.50	495,474.96	85,277.33	580,752.29		



Budget Breakdown

Category	Amount
Staff Salaries (6%)	\$30,699.14
Staff Benefits (2%)	\$9,572.74
Purchased Services (66%)	\$324,578.20
Encumbered (26%)	\$129,847.49
Total	\$495,474.96

Financial Summary

Cuyahoga Community College served as the fiscal agent for the Northeast Region Center (NERC) for the grant period. The grant provided \$495,474.06 to the NERC for the period of October 1, 2017 – June 30, 2018. The funds were distributed based on a Memorandum of Understanding (MOU) agreed to and signed by the partner institutions.

The NERC received an additional \$10,000 from the Ohio Department of Education (ODE) for the Success Bound Conference.

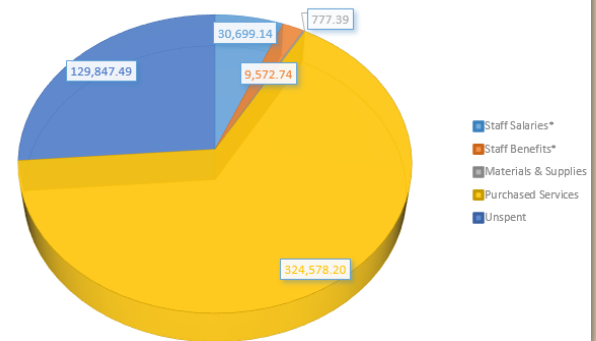
All the funds were budgeted for the regional Tech Prep program, and the expectation of the fiscal agent is that all funds will be expended by the end of grant period.

Sustainability

In Northeast Ohio, 232 secondary school districts and eight lead post-secondary institutions (across nineteen college campuses) work closely with hundreds of local business and industry partners to continuously create new partnerships, pathways, and opportunities for student success. As a commitment to the success of students in our region, the NERC post-secondary partners currently pay a significant portion of staff salaries and benefits through in-kind contributions to sustain the work of Tech Prep.

Regional staff members are active in many local, state, and national committees and communicate

OHIO TECH PREP NORTHEAST REGIONAL GRANT EXPENSES
OCTOBER 1, 2017 THROUGH JUNE 27, 2018



Ohio Tech Prep Northeast Regional Grant
October 2017 - June 2018

		Budget	Actual
100 Staff Salaries*			
2106 Professional		\$ 32,303.80	\$ 26,949.92
2229 PT Instructor Assignment		\$ 180.00	\$ 180.00
	100 Summary	\$ 32,483.80	\$ 27,129.92
200 Staff Benefits*			
2501 Full-Time Fringe Benefits		\$ 10,119.54	\$ 8,421.89
2503 Part-Time Fringe Benefits		\$ 35.46	\$ 35.46
	200 Summary	\$ 10,155.00	\$ 8,457.35
400 Purchased Services			
Tech Prep Partners		\$408,516.50	\$257,180.70
3201 Out of County Travel		\$ 4,066.39	\$ 4,375.33
3202 In County Travel		\$ 7,182.03	\$ 1,349.86
3204 Business Meeting Expense		\$ 22,099.00	\$ -
3333 Reprographic Ctr Charges		\$ 3,406.56	\$ 3,406.56
3371 Postage		\$ 350.00	\$ 131.11
	400 Summary	\$ 445,620.48	\$ 266,443.56
500 Supplies			
3101 Office and General Supplies		\$ 7,215.68	\$ 777.39
	500 Summary	\$ 7,215.68	\$ 777.39
800 Other			
	800 Summary	\$ -	\$ -
Grand Total		\$ 495,474.96	\$ 302,808.22

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

with legislators throughout the year, thus keeping abreast of employment trends and labor needs. The Tech Prep team is active in business and community organizations; working with institutional, local and regional talent and business development resources, and partners in Chambers of Commerce, Ohio Means Jobs offices, Adecco, and High Schools That Work. The establishment of, and strengthening of, these relationships, allows business and industry to communicate with Tech Prep (and in turn, education) in what areas skilled workers are needed. Tech Prep Coordinators can approach secondary and post-secondary educators to provide identified areas in which skilled workers are needed, assist schools with creating pathways to employment and higher education in those areas, and fill the pipeline for employers with talent equipped to step into the industry.

Tech Prep provides vital support to regional students. The staff work to reduce post-secondary matriculation barriers for students; provide options for reduced cost and degree completion through local bi-lateral articulations; drive the use of statewide CTAG agreements; and in many cases, work closely with their institutions' College Credit Plus office, providing a vital, comprehensive support network to students. Staff work to ensure that students local bi-lateral agreement paperwork is processed; students understand how their earned credit is applied to programs of study; serve as an institution point-person for questions regarding CTAG and bi-lateral agreements; and champion for the student to ensure they earn the maximum number of college credits for educational and work-based learning opportunities.

Actively engaged stakeholders have voiced on several occasions "we don't know what we'd do without the Tech Prep staff". Tech Prep strives to ensure that the intended outcomes of their work are clearly communicated – in addition to sharing a consistent message and relaying information from ODE and ODHE, the region shares successes and best practices through well-attended regional meetings, professional development opportunities, and through our regional website. Through all activities, the region strives to increase community awareness and interest and increase opportunities to connect our stakeholders. State funds will decrease the Tech Prep budget by 32% for FY19. This reduction in funding will greatly affect the support and services offered to our educational partners, business and industry partners, and ultimately, the students we serve. Our region will need to determine which services will be eliminated for FY19.

PARTNERSHIP HIGHLIGHTS

Stark State College is proud to offer students in Help Desk and Computer User Support a Learn to Earn Pathway. This pathway provides students with 15 college credits; 9 through CCP and 6 via CTAG. Students who go through the program will be prepared for the Industry Recognized Credential Exam in COMPTIA A+ and Network+. Students are eligible for paid internships, job opportunities, and paid tuition through our industry partner, DRB Systems. Courses lead to high school diploma and industry credential; entry level jobs in a high-demand career, Stark State College certificate, scholarship, paid tuition, Associate Degree and career growth.

Lorain County Community College is preparing the next-generation workforce for the advancements in manufacturing through a technology and entrepreneurship program called FlexFactor® in partnership with NextFlex, America's Flexible Hybrid Electronics Manufacturing Institute. FlexFactor engages students with industry and technology and showcase education and career pathways for tomorrow's jobs. Over the course of the five-week program, students gain hands-on experience applying cutting-edge flexible electronics to real-world problems and acquire industry exposure by visiting local companies to see how advanced technologies are being used today. As students conceptualize and develop their product, they receive technical mentorship from industry advisors and attended a college lecture and receive additional mentorship from college faculty members. Students receive mentorship around their business model by regional economic development experts at Team Northeast Ohio and NEO LaunchNET. At the conclusion of the program, student teams pitch their product ideas "Shark Tank" style to a panel of business and industry advisors. FlexFactor's project-based approach provides an ideal platform to capture the students' excitement and creativity and foster a mindset that inspires them to innovate and take risks, while encouraging a passion for STEM and teaching important business and communication concepts.

Auburn Career Center's Welding program exemplifies how Career Technical Education successfully works in partnership with industry to develop a pipeline of highly qualified students for work-based learning opportunities that often transition students into permanent employment situations. Working with Lincoln Electric, students enter the workforce, many through an internship opportunity, with ten college credits from Lakeland Community College, along with The American Welding Society Certification of Qualification. Students may seamlessly transition into Lakeland's Welding program, which is recognized as an "M Status" school – aligning to industry standards and an affiliate of the National Association of Manufacturers. If students chose to pursue a four-year degree, they have a pathway to earn their Bachelor of Science in Industrial Welding.

Portage Lakes Career Center Robotics program is aligned with The University of Akron's College of Applied Science and Technology and provides students with the opportunity to complete up to 45 credits through Career Technical Assurance Guides, Articulation and College Credit Plus. This partnership places students who are attending UA in the fall after high school graduation into a paid internship with major manufacturing companies in the Northeast Ohio region.

Students in Agricultural Tech Prep programs who are planning to attend **Kent State University** can earn additional college credit while working at their summer job. Students who work at least 350 direct contact hours for a horticulture employer may receive credit for the Cooperative Work Experience Courses in turf grass management, landscape design or urban forestry. College faculty award credit

based on employer evaluation of student performance. This opportunity is a real win/win for the students and strengthens relationships between secondary and post-secondary education and area employers.

Exemplary Programs of Study

Building Name	District Name	CTPD Name	Pathway
Portage Lake Career Center	Portage Lakes	Portage Lakes CC	N2
Barberton High School	Barberton City	Four Cities Compact	R7
Polaris Career Center	Polaris	Polaris Career Center	R7
Washington High School	Massillon City	Massillon City	R7
EHOVE Career Center	EHOVE Career Center	EHOVE Center	F6
RG Drage Career & Technical Center	Stark County Area	RG Drage Career & Technical Center	F6

(N2) Network Systems: (R7) Manufacturing Operations: (F6) Engineering and Design

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
Deb Holthaus*	Edison State Community College
Matt Kinkley, Ph.D.	Putnam County Educational Service Center
Stephen Peck	Rhodes State Community College/ University of Northwestern Ohio
Dawn Wagner	Terra State Community College / Bowling Green State University
Barbara Yontz*	Clark State Community College

**90 day extension grant, 1st quarter only*

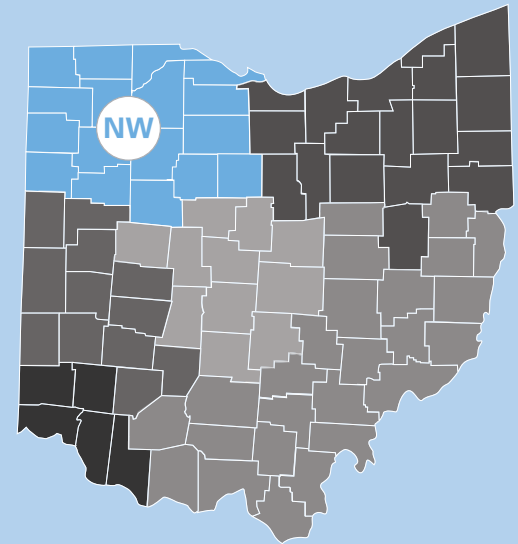
Total Budget - FY18 Pathway Development Grant: \$512,581.99

2. Regional Center Overview/History

The Northwest Ohio Tech Prep Regional Center (The Center) was formed in September 2011 through the Ohio Department of Education (ODE) Tech Prep Program of Study Regional Center Grant. The Center provides services to all secondary career technical planning districts and public community colleges/universities within the northwest Ohio region in order to expand the number of students enrolled in career technical education (CTE) programs (targeting the 80% students currently not served) in addition to building and fostering relationships between education and business/industry and disseminates technical information throughout the Center’s region.

In this transitional year, the centers were reorganized to reflect the JobsOhio regions, thus changing some of the previous partners; however, all regions collaborated to provide seamless services to all of our Tech Prep partners.

The Northwest region is unique in that it has strong partnerships with the Northwest Ohio High Schools That Work/Making Middle Grades Work (HSTW) Regional Center and the University of Toledo (UT) CTE Teacher Preparation program. This allows collaboration among the HSTW Regional Coordinator and 10 part-time academic coaches, as well as the UT CTE Teacher Preparation (Prep) Program staff. The

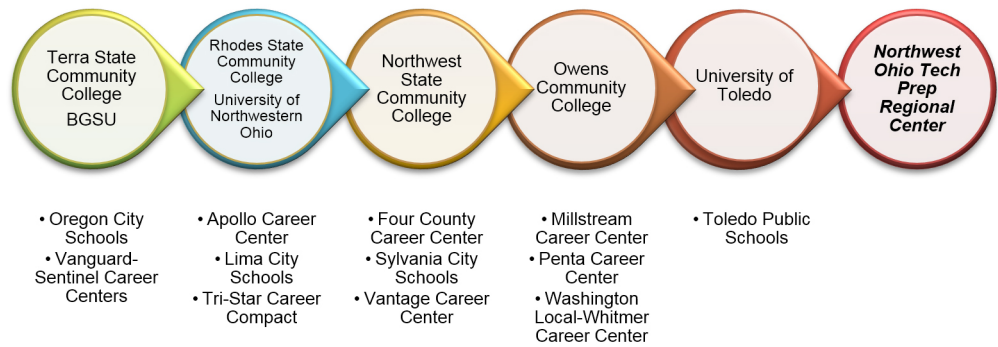


Northwest Ohio Tech Prep Regional Center
2801 W. Bancroft Street, MS 924
Toledo, OH 43606
techprepnwo.org

Center's main office is located at UT with five satellite offices as listed above.

Currently (June 2018) 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 first year of the FY18-FY19 biennium, the Center has used their experience, expertise and solid relationships with local, regional and statewide partners to fulfill the goals as prescribed in this year's Scope of Work including:

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

This has been accomplished through activities and services provided by the Center:

- assisted with CTE-26 applications/developed Programs of Study--both new and renewal; thus serving as the local resource for navigating the administrative requirements for obtaining CTE funding, as well as, increasing local and statewide college credit opportunities and other career option pathways;
- accelerated outreach to business/industry and workforce/economic development representatives to take an active role with Business Advisory Committees, program advisory meetings, stakeholders meetings, etc. to give input about current needs for the labor market (especially in-demand areas) and skills needed by students. This included a region wide survey to collect data on business/industry interest in providing WBL activities for secondary and postsecondary education students;
- connected students with skills, industry certifications, and degrees to fill Ohio's in-demand jobs and careers by building relationships between education and business/industry. Resources were made available to provide more opportunities and breaking down previous barriers such as child labor laws and liability, i.e. introduction of Adecco, etc.
- created and renewed bi-lateral articulation agreements, promoted/facilitated Career Technical Assurance Guides (CTAG)/(CT)2 workshops and College Credit Plus opportunities for new and existing CTE programs;
- actively participated at secondary and postsecondary events such as open houses, job fairs, and college visits to further ensure that students are aware of opportunities that are available to them and their families;

- 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 regional office and area coordinators on a regular basis;
- provided professional development to stakeholders as directed by ODE and Ohio Department of Higher Education (ODHE) on topics requested including on-site consultations to institutions and utilizing technology through “Zoom” calls to assist partners with identified needs; resulting in networking and relationship-building;
- served as a liaison between secondary and postsecondary faculty to develop more rigorous, aligned curriculum and instruction for student success, stronger agreements and more robust, transferable credit;
- provided Course of Study workshops for secondary partners and the UT CTE Teacher Prep program;
- engaged and nurtured partnerships with business/industry/economic/legislative/ apprenticeship leaders to attend local and regional stakeholder events, as well as serve on secondary and post-secondary program and business advisory teams;
- collected/reported data as required by ODE and ODHE, for local and regional use;
- partnered with HSTW and the UT CTE Teacher Prep program on various professional development and WBL opportunities including tours, job shadowing, internship, co-op and apprenticeship opportunities;
- organized and delivered a robust SuccessBound conference at the regional level bringing education and business/industry together to network and build relationships in an effort to expand WBL opportunities. Special emphasis was given to increase the number of business/industry participants, and to target the “80% of students who are currently not accessing career technical education.”

4. Highlights from Special Activities

Northwest Ohio SuccessBound Conference

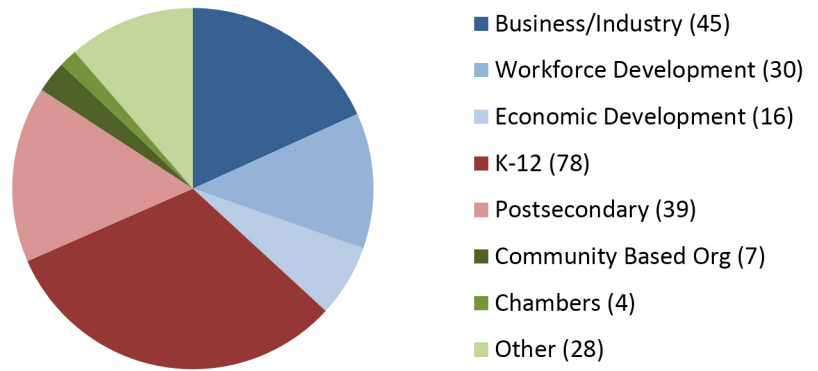
Over 200 participants attended the Regional SuccessBound Conference on May 11, 2018, at the Marathon Center for Performing Arts in Findlay, Ohio, to take steps to engage with partners from different sectors to build career pathways, WBL experiences and other career preparation opportunities for students. The conference opened with several dynamic speakers. Among the topics, Superintendent of Public Instruction Paolo DeMaria spoke about Ohio’s Strategic Plan and the New Skills for Youth Grant; Senior Executive Director Steve Gratz, presented “What is SuccessBound”; and the Director of the Governor’s Office of Workforce Transformation Ryan Burgess emphasized the importance of recognizing and preparing students for the in-demand jobs that are being sought by employers.

During the conference a variety of break-out sessions were offered; all centered around building a framework for high-quality workforce development and cultivating skilled workers through WBL opportunities including job shadowing, internships, co-ops, pre-apprenticeships and apprenticeships programs. Jamie De La Cruz, Manager of Diversity, Inclusion & Talent Management at the Marathon Petroleum Company, spoke on “Developing our Future Workforce”; Anthony Iriti, CEO of Kyndle shared ideas and practices utilized in the state of Kentucky; and an enthusiastic Dr. Romules Durant, Superintendent of Toledo Public Schools, spoke on “Career Technology is the Future of Education”, emphasizing the need to serve all students.

Representatives from the ODE, ODHE, Ohio State Apprenticeship Council, secondary and postsecondary

education, business/industry, local area chambers of commerce, economic and workforce development groups, and other community organizations were well-represented (see chart below) and networking abounded. Evaluations were very positive, interest was expressed in continuing this type of event, and inquiries have been made to set up further activity among stakeholders. These partnerships and relationships will continue to be developed by the Center throughout the region.

SuccessBound Registrants (247)



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 Elevate Career Exploration and Job Fair held March 20, 2018, at the YMCA in Ottawa, Ohio. This event was a collaboration of the Northwest Center, Putnam County ESC, Putnam County OMJ, Ottawa Chamber, and Putnam County Community Improvement Corporation. More than 350 students from 9 area high schools and 100 adults attended. Forty-three companies participated, paying \$100 each for the event, and 19 companies donated their time to the career connections tables.

After the job fair, participants were sent an “exit survey” which received very positive results: Student surveys indicated that 93% explored two or more career paths, 90% said the career exploration tables were beneficial or highly beneficial, 78% said the job fair tables were beneficial or highly beneficial and 37% completed job applications or got a job lead at the event. One hundred percent of the high schools said they would return next year and 90% of the employers indicated they would participate again next year.

Allen County Community Based Educational Pipeline

In partnership with Voice Ohio, Lima Senior High School, West Ohio Community Action Partnership, Rhodes State, Open Gate, the City of Lima, and local industry, Tech Prep Coordinator Steve Peck and Workforce Development Specialist Matt Kinkley, Ph.D. have been working with the grant through Universal Healthcare Action Network Ohio as the Grantee of record from Health Path Foundation, Cincinnati Ohio. In conjunction with the Ohio Dental Hygiene Association (ODHA), the grant goal is to increase the cultural diversity of the dental professionals’ pipeline by identifying high school students from communities of color and Appalachian communities who have the passion and determination to join the dental care field. While the grant is in the early stages, the goals are developing the means to:

- Recruit potential students for education in the dental field;
- Identify and raise the financial resources for students to enroll in college;
- Monitor, mentor and support students in their education and licensure;
- Match graduates with local dentists/dental hygienists when starting their career.

Work-Based Learning (WBL) Survey

In an effort to identify partners, WBL needs, and to plan for FY19, the Center, under the leadership of Workforce Development Specialist Matt Kinkley, Ph.D., developed a WBL survey. It was sent to business/industry contacts and partner school districts, requesting that they forward it to their business/industry partners. As of May 11, 2018, 54 companies responded. The Center is in the final stages of compiling information, the following results have been determined:

Top 5 responses to “Could your business support student engagement activities?”

- 36 are willing to offer student tours
- 25 are willing to do informational interviews
- 25 are willing to provide paid work experience
- 22 are willing to do job shadowing
- 19 are willing to do “other” - Any partnership connected to a high school curriculum

Top 5 responses to “What career field would your business be interested in partnering?”

- 28 Manufacturing Operations
- 17 Engineering and Design
- 11 Business and Administrative Services
- 10 Agribusiness & Production Systems
- 9 Mechanical, Electrical and Plumbing

In the coming year, the Center will follow up with employers and schools to match them with employer identified needs as indicated on the WBL survey. The Center will distribute lists of potential employers to both career centers and local school districts. Through the surveys, the Center will be able to facilitate meetings of schools/students with business/industry employers and help identify matches and problem-solve barriers.

Career Technical Credit Transfer (CT)²/CTAG

(CT)² is a vital part of a career technical pathway. To best support the secondary and postsecondary staff in our region, 100% of the Center coordinators completed Course Equivalency Management System (CEMS) training in February 2018 to teach (CT)² processes. In conjunction with the ODE, the Center sponsored 3 OCTANE on the Road workshops in the region for secondary and postsecondary partners. Workshops held February 13, 28 and March 9, 2018, were attended by 36 secondary and postsecondary administrators and teachers from the region. Participants were instructed on how to access and utilize the ODHE Career Technical Credit Transfer (CT)² website. Participants also had the opportunity to complete an affirmation or full submission application for a (CT)² and/or revise applications for approval. Support continues to be provided to our secondary and postsecondary partners by means of:

- working with ODHE to track (CT)² submissions and assist the secondary and postsecondary partner with unresolved issues;
- serving as a resource to postsecondary (CT)² compliance as outlined by ODHE;
- forwarding CEMS/(CT)² information provided by ODHE/SCTAI to partner secondary and postsecondary administration and staff; also serving as a resource for students in need of further assistance;

- adding CEMS/(CT)² resources on our web site including: listing of courses/ programs approved in CEMS for credit; links to ODE/ODHE/OMJ resources.

Course of Study (COS) Workshops

Fifteen COS Workshops were provided to 71 CTE teachers this year. All career fields were represented at the workshops. Tech Prep Coordinators Karen Bleeks, Anna Diekman and Dawn Wagner provided the lead for these workshops. Each teacher was provided with a thumb drive that contains resources on developing a syllabus, rubric resources, content documents for their specific career field and courses, and a template. The template is designed to include all necessary COS information as required by ODE, including scope and sequence. Teachers have the opportunity to network as they look at the outcomes and objectives when writing their “Terminal Performance Objectives.” Participants may receive one graduate credit from Ashland University. Karen and Dawn also provided a workshop for incoming CTE teachers who are a part of the UT CTE Teacher Prep Program. Collaboration is gained through this partnership in that both entities are working with the same group/s of teachers. In return, the UT Teacher Prep staff offer assistance and support.

Stakeholder Meetings

The Northwest Center has many actively involved stakeholders, who highly value the bi-annual Stakeholder meetings. At the Fall stakeholder meeting, 74 attendees were engaged as the Regional Growth Partnership (RGP) Talent Acquisition Manager spoke of the work done by the RGP in bringing jobs to Ohio resolving the shortage of trained workers. A business and industry panel made up of a company president from Ohio Logistics, community relations managers from Cooper Tire and Rubber Co. and Caterpillar Corporation, and the executive director for the Ohio Building Construction Trades Council, highlighted what’s needed from education to provide prepared employees and how they will assist education with meeting their needs.

The Spring stakeholder meeting, with 64 attendees, showcased success stories of both career centers and local school districts growing programs through collaboration and how to make the most of community partnerships through Business Advisory Councils. Time was spent with the various stakeholders networking to present the Center with goals they would like to see achieved. The meeting concluded with legislative updates from the Ohio House of Representatives, by the Honorable Bill Reineke from the 88th District. Stakeholder meetings result in positive relationships and partnerships.

Career Advising Plan Workshops

In June, 30 Northwest Ohio educators devoted 2 days of their summer to hone their district’s Career Advising Plans at workshops offered by the Tech Prep Center and HSTW Northwest regions. The 2 Career Advising Plan Workshops were delivered by Tech Prep Coordinator Anna Diekman and HSTW Coach Jane Music, and hosted by Millstream CTC and Penta CC. The workshops were designed to assist district teams in creating or refining portions of their district Career Advising Policy. The 7 secondary partners who participated included Toledo Public Schools (Scott), Hicksville, Rossford, Whitmer, Findlay Digital Academy, Liberty-Benton, and Van Buren. School districts each sent teams including a CTE teacher, a guidance counselor, and an intervention specialist to develop implementation pieces of their Career Advising Plans. Participating teams reviewed the ODE essential components of a Career Advising Policy and identified 1 or 2 components to design or improve by creating a site action plan. Districts who submitted a plan received additional support.

The workshop featured a panel discussion with business/industry representatives: Maumee Valley Fabricators, Trilogy Health Services, First Solar, Mennonite Home Communities of Ohio, DHL Supply Chain, and Tour de Force. Tisha Lewis, Career Connections Consultant (ODE), presented information on data tools and advanced reporting functions through the OMJ web site. Selected teams will be presenting their outcomes at the Fall 2018 Center Stakeholder meeting.

PERFORMANCE/YEAR-END REVIEW

1. Main Pathway Development/Articulation Grant Work

Chart 1 below represents the work completed by the Northwest Regional Center in the career fields identified by ODE for transition in FY18 (for renewal in FY19): Career Based Intervention, Engineering, Information Technology, Job Training Coordination and Manufacturing.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created ¹	Average Number of Credits Available on AA ²	Statewide CTAG Completed During FY18 ³
Career Based Intervention	26	0	0	0
Engineering	50	12	4.28	15
Information Technology	40	8	4.88	53
Job Training Coordination	10	0	0	0
Manufacturing	22	5	4.53	3
FY18 Total	148	25	4.56	71

1 Includes bilateral and statewide articulated credit fostered, renewed/updated, or created in the current FY18 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 FY18.

3 Includes all statewide CTAG submissions completed with Tech Prep assistance during the FY18, including secondary and postsecondary populations. A completed submission is in a status of approved, and available for secondary or postsecondary use.

Chart 2 below reflects work done beyond the slated scope of work identified for FY18. This details support provided to secondary and 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 FY18 ⁶
Agriculture	3	9	5.33	43
Arts/Communication	3	8	4.5	21
Business	7	10	5.58	14
Construction	2	7	4.37	10
Education	1	13	3.92	55

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created ⁴	Average Number of Credits Available on AA ⁵	Statewide CTAG Completed During FY18 ⁶
Family and Consumer Sc	4	0	0	0
Finance	1	0	0	0
Health	4	11	6	20
Hospitality	0	6	5.76	21
Human Services	3	11	13.67	0
Industry Credential Only	5	0	0	0
Law and PS	0	6	6.75	10
Marketing	2	5	3.5	0
Transportation	0	11	5.24	10
FY18 Total	35	97	5.87	204

4 Includes bilateral and statewide articulated credit fostered, renewed/updated, or created in the current FY18 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 FY18.

6 Includes all statewide CTAG submissions completed with Tech Prep assistance during the FY18, including secondary and postsecondary populations. A completed submission is in a status of approved, and available for secondary or postsecondary use.

Chart 3 below 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;
- course of study and other professional development workshops;
- workforce/economic development support by attendance and board memberships;
- assistance and support for local area school districts in the completion of CTE-26 applications and (CT)²/CTAG.

Name of Activity/ Event (# of occurrences)	# of Stakeholder Attendees	# of Students	# of CTPDs Represented	# of Outside Partners Represented	# of PS Partners Represented
College Credit Plus Support/ Activities (5)	123	0	40	20	39
Course of Study (16)	188	0	14	0	1
(CT) ² Support Activities (15)	513	115	18	2	21
CTE 26 Application Training and Assistance (25)	213	0	16	13	12

Name of Activity/ Event (# of occurrences)	# of Stakeholder Attendees	# of Students	# of CTPDs Represented	# of Outside Partners Represented	# of PS Partners Represented
CTPD/Secondary Support Activities (30)	845	2780	21	65	68
Governing Board Meetings (3)	41	0	6	6	9
Pathway Support (21)	112	16	16	3	8
Postsecondary Support Activities (17)	230	274	14	8	61
Professional Development (7)	83	0	14	2	1
Regional Stakeholders Meetings (2)	138	9	11	3	13
SuccessBound Conference Support/Activities (16)	345	9	16	3	13
Workforce/Economic Development Activities (42)	989	405	16	158	70

WORK-BASED LEARNING

The following chart reflects WBL fostered by NorthwestTech Prep Regional Center based on new opportunities, learning agreements, connection between business/ industry, and engagement of partnerships.

Level 1: Initial Engagement	Any Contacts, Meetings; including workshops, fairs with business/industry
1. 40 students started the Ohio Readiness Seal (ORS) through Raise the Bar/Hancock Co	Millstream students and Raise the Bar
2. Student Membership in WBL Putnam Co (57)	57 students engaged across the Putnam County completed applications
3. Elevate 2018 (300 plus employers invited)	43 business/industry registered/ 15 additional through OMJ
3. Putnam Economic Community Improvement Corporation relationship with TP WFD Specialist	Nov 2017 through June 2018
3. Putnam County OMJ relationship with TP WFD Specialist	Nov 2017 through June 2018
4. NWO SuccessBound Conference Outreach -Emailed - over 2000 entities reached	Feb through May 2018 communicating and recruiting for SuccessBound
4. NWO SuccessBound Conference registrants	May 11, 2018 – 247 registrants with 219 individuals attending
5. Center for Innovative Food Tech (CIFT) -Engagement with 74 partner companies through TP WFD Specialist	Apr through June 2018

6. Operator Training Program of Ohio (OTCO) through TP WFD Specialist	May 15, 2018 through June 30, 2018
7. Owens Transportation Technologies Expo Day -300 plus students from district high schools and career centers; hands-on activities, industry, and current students who were giving demonstrations	May 14, 2018 - 50 Area Business/ Industry represented as well as 300 plus students
8. Adecco – Miller City/New Cleveland High School, Findlay Digital Academy, GSW Manufacturing, MLS Systems, Cooper Tire	Five regional partners engaged in initial conversations on WBL opportunity
9. Educational Consortium - Wood County with Adecco (5 Manufacturers, 3 Superintendents) TP Coordinator involved	May 2018 - Penta, BG High School, Otsego High School and Owens – meetings w/Economic Development Council
10. Employers provided Career Exploration tables at Elevate 2018 - 24 businesses participated	Career Based Exploration for 350 High School students - Exploring 3 career fields with representative from business/ industry
11. Business/Industry Survey (through TP WFD Specialist) - 54 completers	Completed a survey and made an initial commitment to participate in WBL
12. Rhodesology Summer Career Camps (some students attended multiple career fields) TP involved in planning and facilitation	June 11 through June 15, 2018 - 206 student registrants in 16 career fields (duplicated headcount)
13. Adecco - Invited to a Coalition on July 11th, 2018	Bowling Green Economic Dev. Office, Chamber of Commerce, 5 leading manufacturers, 2 schools districts and a Career Center have formed an education coalition to encourage HS students to go into the manufacturing jobs
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
1. 40 students completed the ORS forms	Millstream and Raise the Bar
2. WBL applications completed - 57	Students applied and became a part of WBL program
2. Hired students in a WBL program - 29	WBL experience
2. Volunteer Experiences - 10 employers	Volunteer Opportunities in WBL
3. Elevate 2018 (Ottawa, Ohio) - 43 companies	43 companies paid \$100 to participate in the Job Fair and 350 youth committed to attend
7. Owens Transportation Technologies Expo Day	50 companies participated in the May 11 event serving 300 students
10. Employers provided Career Exploration tables at Elevate 2018 - 24 businesses participated	24 Employers provided staff for the Career Exploration tables
11. Business/Industry Survey by TP - 54 completers	Business/Industry Survey Completion and Commitment to engage from WBL-student interviews as of May 2018
Level 3: Implementation	Credit Flex, Job Site Readiness, Student; Supervisor/Transition Coordinator, Work Plan
1. 40 students implemented ORS process	Millstream and Raise the Bar—began WBL in some form

2. Work-Based Learning Credit - 36.5 credits hours awarded to WBL students	Credit Flex, Senior Work Experience, TPRS, Career Exploration for WBL participants
2. Hired students in a WBL program - 29 Businesses/Employers	WBL Experience happening
2. 10 companies/employers provided Volunteer Experiences	Volunteer WBL Experience happening
3. Career Fair Participants/career exploration - 27 companies participated	Meet with students and facilitated career conversation tables for 350 youth
7. Owens Transportation Technologies Expo Day	50 companies participated in the May 11 event serving 300 students
10. Employers provided Career Exploration tables at Elevate 2018- 24 business participated	Career Based Exploration for 350 High Schools students - Exploring 3 career fields with professionals from Business/Industry
Level 4: Enrollment	Student Participation, Internships, Externships, Pre-Apprenticeships
1. 40 students enrolled and active in ORS process	Millstream & Raise the Bar – WBL happening
2. 29 employers hired students	WBL Experience w/ jobs
2. 10 companies/employers provided Volunteer Experiences.	Volunteer WBL Experience happening
2. WBL Participants – 57 (ages 14-21) -36.5 credits awarded	Students enrolled in the WBL program for employment, volunteering, or career exploration
3. Elevate 2018 - 350 youth enrolled and engaged	350 youth enrolled and participated in the job fair, career connections in 3 career pathways
Level 5: Assessment	Formative and Summative; Student Based; Employer Based; Observation (Third Party)
1. 40 ORS students reviewed, assessed and approved	Teacher and Mentor completed formative and summative assessment; Millstream final approval
2. WBL Evaluation - 26 students	Formative and Summative assessments-student/ employer; Job Coach/Job Developer Observation (Third Party)
3. Employer Evaluation of Elevate 2018	90% of those who responded and evaluated will return next year (per survey results)
3. High School Evaluation of Elevate 2018	100% will participate next year (per survey evaluation results) 93% explored two or more pathways; 37% student or adult participants completed job application or got a job lead

FINANCIAL STATEMENT

The Center was provided with one funding source being the State Allocation of \$512,581.99 (with a separate award of \$10,000 for SuccessBound Conference).

Financial Summary

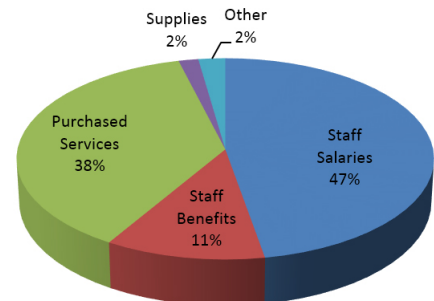
FY18 was segmented somewhat this fiscal year. The Center started with \$157,437.30 for the 90-day Extension grant. One coordinator was cut back during this period; part way through the 1st quarter a Workforce Development Specialist was brought in as an hourly consultant (independent) through an agreement with Putnam County ESC. When the RFP was submitted for the last 3 quarters, the Center received an additional \$355,144.69. Early in this time period, another coordinator retired. The Center extended the partnership with the Putnam County ESC, and subcontracted for the WFD Specialist on a part-time basis. A part-time coordinator was hired to replace the loss of 2 coordinators previously. During the first quarter, the Center subcontracted with 9 colleges; after the transition, 7 colleges remained in the region. With the FY18 restoration of funds, the Center was able to support both secondary and 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 \$10,000 to host a SuccessBound Conference in May, 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 the ideal entities to focus on expanding access to quality career pathways for all students in the state, strengthening the SuccessBound campaign and goals found in the New Skills for Youth grant. Tech Prep regions include school districts, postsecondary partners, business/industry, and workforce development boards for in-kind or financial contribution for services. The Center will also sustain the networking established during SuccessBound by facilitating additional workshops featuring an emphasis on business/industry, parents and guidance counselors. Lastly, the Center will assist the Talent Acquisitions Manager of the Regional Growth Partnership by identifying and aligning education pathways and programs that will attract business/industry to Ohio; 3) Marketing - 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) Fee-for-Service – although it is hoped that services that have been of no charge to school districts especially, 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 Northwest Region, housed at the University of Toledo, has strong working

Tech Prep Pathway Development Grant Banner Index 205631	
100 Staff Salaries	
Admin Staff (CA & Secretary)	\$ 124,392.20
Other Salary (Coordinators)	\$ 117,682.00
100 Summary	\$ 242,074.20
200 Staff Benefits	
Admin/Other	\$ 58,260.51
200 Summary	\$ 58,260.51
400 Purchased Services	
Travel, PD, Bus/Ind Events	\$ 69,857.60
College/ESC Sub-contracts	\$ -
Terra State	\$ 2,500.00
Clark State	\$ 625.00
Northwest State	\$ 40,716.00
Edison State	\$ 10,629.00
Rhodes State	\$ 47,740.00
Putnam Co ESC	\$ 19,923.68
400 Summary	\$ 191,991.28
500 Supplies	
Office, workshop, meetings	\$ 8,594.00
500 Summary	\$ 8,594.00
800 Other	
Support Services	\$ 11,662.00
800 Summary	\$ 11,662.00
Grand Total	\$ 512,581.99

Pathway Development Grant Allocations



relationships with the Northwest High Schools That Work Regional Center, 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. An increasing relationship with the JobsOhio Regional Office offers opportunity to work toward additional support and possible funding sources.

PARTNERSHIP HIGHLIGHTS

Northwest State Community College (NSCC) partnered with **Vantage Career Center**, Adult Education Division, to provide training to help support the workforce needs of Braun Custom Ambulances. NSCC developed hybrid courses focusing on Electrical, CNC Operations and Industrial Automotive Maintenance. Each 8 week course combines on-line material, classroom material and onsite training. The courses allow students to move through the material at a faster pace. Each course is also designed so that students can participate regardless of their work hours, shift, etc.

Millstream Career Center Culinary Arts students had their choice of 3 exciting new internships in which to gain real work-based experience. Mancy's Steak House is located in the Hancock Hotel in downtown Findlay. This restaurant opened February 1st, giving students the opportunity to assist in organizing a large kitchen. Blanchard Valley Hospital provides students with first-hand knowledge of the uniqueness of a hospital kitchen and the medical environment. Marathon Petroleum Company's (MPC) Executive Dining Room. MPC corporate headquarters is in Findlay, Ohio. Thousands of executives from around the world visit the headquarters and dine in the Executive Dining Room. The students assist with small dinner parties, banquets and catering meals to be served off site. Each of these sites have hired and promoted students who served an internship with them.

Thayer Family of 5 Car Dealerships in Bowling Green, Ohio values their internship program with **Owens Community College** School of Transportation. This paid internship has second semester automotive students doing 8 weeks of work at the dealership while taking classes at Owens. Students attend class in the morning and the dealership in the afternoon to utilize hands-on work-based learning. Students turn in weekly work reports, signed by the supervisor and have monthly on site visits by the Owens instructor. Ryan Thayer of Thayer Family Dealerships stated "We believe we are in the driver's seat by participating in this program as we gain first-hand knowledge of the most highly trained technicians to hire, and the students learn about us so when they make a career decision, they are more likely to choose our dealership."

Hale Performance Coating is a small local business that has become a strong supporter of **Toledo Public Schools'** precision machining programs. The partnership with Hale has opened up site tours, job shadowing opportunities, internship placements, and employment for students after graduation. The success of the programs at TPS relies in part on strong partnerships with local businesses, as well as larger industry/corporations, and their employees to support and guide students as they transition into careers. Hale's employees have become an integral part of the Advisory Board and student mentoring.

The Partnership through Pathways to Prosperity (YCC) Grant with Glenn Research Center/ NASA has brought more to the table for **Toledo Public Schools (TPS)** than money. It has brought a true awareness of the need and meaning of partner relationships. This partnership has brought additional education to the students; a stronger, aligned passion for Precision Machining and Advanced Electronics; and a marketing tool that no amount of money could provide. The students from the Start High School's Precision Machining class and the Bowsher's Advanced Electronics class have not only traveled to the Glenn Research Center to tour, but they also created a model of the Mars Rover and drove on NASA's replicated surface of Mars. They have had several virtual meetings with the engineers at NASA, and



regularly email the engineers for mentorship to further their understanding of this career field.

Terra State Community College partnered with Materion Corporation for the 4th Annual START Camp on June 11-14, 2018. START Camp is an opportunity for high school students in grades 10–12 to learn about skilled trades programs and job opportunities. First year participants learned the basics in HVAC, machining, welding, and electrical and second year participants learned the basics in robotics, CNC, hydraulics and CAD. Third year students create a capstone project, which incorporated their learning from the first two years. Last year students got to keep the drones they built; this year the capstone project is a working 3D printer, which they keep. The camp is a building process for students who come back each year to further peek their interests and to explore various areas of different career fields.

Rhodes State College hosted the Rhodesology Summer Career Camps June 11-15. The camp is middle school based involving school year 2018 students entering grades 6 through 9 in Northwest Ohio. Twelve different camps included Rocket Propulsion, Build Your Own Robot, Crime Scene Investigation, Stepping Stones and Buildings, Dissection Connection, Photography and Video Editing, Trauma 101, Minecraft Modders, Creation Station, Drones, Create your own Video Game, Sports and Fitness, and Cool Chemistry. Staff included professionals from the community as well as Rhodes State faculty who were able to provide work based learning for the participants.

The Economic Development office for the city of Bowling Green, GKN Driveline Manufacturing, 4 other leading manufacturers in Bowling Green Industrial Park, **Penta Career Center, Bowling Green City Schools, Otsego LSD, Owens Community College and Northwest Tech Prep** recognized a problem finding trained employees. They came together to form an Educational Consortium. This consortium will take students in the summer of their junior and senior year for 6 weeks and place them with the manufacturers to learn skills that the manufacturers need. At the start of school year, the students will work after school, earning excellent wages. Upon graduation, they will be hired for a full-time position with the manufacturer while earning college credits from classes at Owens. ADECCO has been invited to be a partner/collaborator to assist the manufacturers with their hiring of the high school students.

Exemplary Programs of Study

Six exemplary samples of Programs of Study created in FY18 are identified as:

Building Name:	District Name:	CTPD Name:	Pathway Code:
Apollo Career Center	Apollo Career Center	Apollo Career Center	R7
Bryan Middle/High School	Bryan City	Four County Career Center	BO
Kalida High School	Kalida Local	Vantage Career Center	F6
Millstream Career Center	Findlay City	Millstream Career Center	N3
Swanton High School	Swanton Local	Penta Career Center	N1
Toledo Early College High School	Toledo City	Toledo City	F6

(F6) Engineering and Design; (N1) Interactive Media; (R7) Manufacturing Operations; (N2) Network Systems; (N3) Programming & Software Development

REGIONAL CENTER NARRATIVE

1. Region at a Glance

Chief Administrator: Katie Good (Washington State Community College)

Regional Coordinator	Office Location
Carrie Arnold (Sean Terrell) ¹	Hocking College
Crissy D'Aquila ²	Belmont College
Melanie DiCarlo	Eastern Gateway Community College
Katie Good ³	Zane State College
Harmoni Keller ⁴	Shawnee State University & Rio Grande
Rita Graf ⁵	Southern State Community College

¹ Carrie Arnold – hired Sept. 2017 – Prior to Carrie and Sean, Fritz Rizor acted as Regional Coordinator at Hocking College.

² Crissy D'Aquila – left her position as Tech Prep coordinator February 2018

³ Katie Good – transitioned from Zane State College Regional Coordinator to SE Regional Chief Administrator March 2018

⁴ Harmoni Keller – hired Dec. 2017 – replaced Rita Graf

⁵ Rita Graf – shared duties with SW Ohio College Tech Prep

Total Budget: \$562,606.46

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 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
- Mid-East CTC
- Belmont-Harrison JVSD
- Tri-County JVSD



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

- Pickaway-Ross CTC
- Gallia-Jackson-Vinton JVSD
- Scioto County JVSD
- Morgan Local School District (Comprehensive)
- Ohio Valley Local School District (Compact)
- 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 transitions the region has undergone throughout this fiscal year.

3. General Listing of Services

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 FY18 included: Career Based Intervention (CBI) and Job Training Coordination (JTC), Information Technology, Engineering, and Manufacturing (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
 - » OCTANE on the Road events at Rio Grande University, Eastern Gateway Community College, and Hocking College
- Creation and maintenance of bilateral articulation agreements between secondary and post-secondary partners.
- Support and mentoring for coordinators assigned to the college partners. During this fiscal year, six of the partner institutions had changes in personnel.
- 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 first Southeast Regional SuccessBound Conference which convened over 110 representatives from industry, secondary and post-secondary education, workforce development, etc.
- Partnered with the Ohio Valley Educational Service Center to create a region wide business/education database to allow students to better connect with an in-demand pathway to a career with a local business.

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 renewal in FY18: CBI and JTC, Information Technology, Engineering, Manufacturing, and Business.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created ¹	Average Number of Credits Available on AA ²
CBI & JTC	38	n/a	n/a
Information Technology	77	86	7.84
Engineering	66	6	5.2
Manufacturing	22	14	17
FY18 Total	197	106	8.89

The following chart reflects work done beyond the slated scope of work identified for FY18. 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 FY18 ⁴
Ag. & Enviro. Systems	5	9	9.42	3
Arts & Communication	9	4	4.5	0
Business & Admin. Services	1	32	8.94	
Construction Technologies	1	58	9.79	0
Education and Training	0	29	6.44	2
Finance	3	1	6	0
Health Science	5	46	5.89	1
Hospitality & Tourism	1	40	8.38	0
Human Services	0	9	3	0
Law and Public Safety	1	32	11.11	2
Marketing	1	17	8.85	0
FY18 Total	27	277	7.48	17 (including FY19 renewal programs)

- 1 Includes bilateral and statewide articulated credit fostered, renewed/updated, or created in the current FY18 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 FY18.*
- 3 Includes bilateral and statewide articulated credit fostered, renewed/updated, or created in the current FY18 with the assistance of Tech Prep.*
- 4 Includes all statewide CTAG submissions completed with Tech Prep assistance during the FY18, 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	# 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)
EGCC OCTANE	22	0	2	0	10
Hocking OCTANE	18	0	2	0	3
Rio OCTANE	14	0	2	0	1
CTAG Support (2)	8	0	0	0	2
Manufacturing Day Tours (Cambridge)	30	85	0	0	1
Manufacturing Day Tours (Marietta)	40	90	1	0	1
Career Camps at Hocking College	0	29	0	0	1
SNAP Electronic Trainers Teacher Workshop	10	0	0	0	1
CTE-26 Trainings (6)	52	0	8	0	5
SE SuccessBound and Support Activities	181	0	8	42	10
YES! Days (WSCC)	45	800	0	44	1
Secondary Support Activities (2)	62	112	7	12	6
Post-Secondary Support Activities (3)	30	0	0	0	3
Tech Prep Info TV show on the Voice of Rio	Unknown – Campus broadcast				
Pre-Apprenticeship Recognition Workshop	23	0	4	0	3
EGCC Fest	12	1000	3	0	1
Building Bridges to Careers – Creating HS Internship Meeting	45	0	1	0	1

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 110 business, education, workforce, etc. professionals. May 14, 2018
Job Shadowing Experiences	Building Bridges to Careers has worked with 200+ students to place them in 4-6 hour job shadowing experiences. Year-round
Southern Ohio Educational Service Center	Adecco reported
Office for Exceptional Children	Adecco reported
Salvation Army	Adecco reported
Shawnee State University	Adecco reported
Southeast Ohio Manufacturing Council Partnership Breakfast	38 business/industry and educators attended – Adecco presented on the youth program. May 17, 2018
Vinyl Kraft Windows	Meeting w/ business representatives to discuss work-based learning opportunities. January 10, 2018
Cleveland Construction	Discussion w/ business representatives to share work-based learning opportunities. January 24, 2018
South Central Ohio ESC	Adecco Reported
Manufacturing Extension Partnership	Partnership meeting with the MEP, Susan Foltz and Dorinda Byers. Intent to work together to expand student opportunities. June 5, 2018
Creating HS Internships BB2C Meeting	HS Internship Kick-Off meeting – June 26, 2018
Kinetic Networking	Discussion w/ business representatives to share work-based learning opportunities. September 2017
Quanex IG Systems	Discussion w/ business representatives to share work-based learning opportunities. September 2017
Star Engineering	Discussion w/ business representatives to share work-based learning opportunities. September 2017
Jefferson County Port Authority	Discussion w/ business representatives to share work-based learning opportunities. September 2017
Em-Media	Discussion w/ business representatives to share work-based learning opportunities. September 2017
Kerry Industries	Discussion w/ business representatives to share work-based learning opportunities. September 2017
AutoTech Service Center	Discussion w/ business representatives to share work-based learning opportunities. September 2017
D'Anniballe & Co.	Discussion w/ business representatives to share work-based learning opportunities. September 2017

Cooper Standard	Discussion w/ business representatives to share work-based learning opportunities and business needs. November 8, 2017
New Lexington City School District/ Sheridan/Northern Local	Beginning fall 2018, secondary Ag. students will be interning at the Hocking College farm.
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
Office for Exceptional Children	Adecco reported
Building Bridges to Careers Agreement	Partnership Agreement for internship development with Washington and surrounding Counties High Schools – June 4, 2018
Southern Ohio ESC	Adecco reported
Salvation Army	Adecco reported
South Central Ohio ESC	Adecco reported
Level 3: Implementation	Adecco Engagement in Labor Relationships (if paid/applicable); Credit Flex; Job Site Readiness; Student Supervisor/Transition Coordinator; Work Plan
Office for Exceptional Children	Adecco reported – 28 students placed in work-based learning
Salvation Army	Adecco reported
South Central Ohio ESC	Adecco reported
Level 4: Enrollment	Student Participation; Internships; Externships; Pre-apprenticeships
Office for Exceptional Children	Adecco reported – 28 students placed in work-based learning
Salvation Army	Adecco reported
South Central Ohio ESC	Adecco reported
Level 5: Assessment	Formative and Summative; Student Based; Employer Based; Observation (Third Party)
N/A	N/A

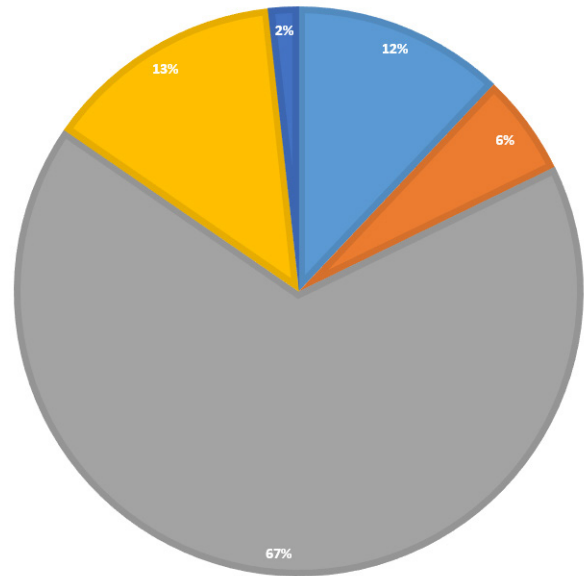
FINANCIAL STATEMENT

Budget

100 Staff Salaries		
Chief Administrator	\$ 49,613.45	
Financial Analyst	\$ 18,000.00	
100 Summary		\$ 67,613.45
200 Retirement/Fringe Benefits		
CA & Financial Analyst	\$ 32,520.52	
200 Summary		\$ 32,520.52
400 Purchased Services		
Belmont College	\$ 11,386.81	
Eastern Gateway Community College	\$ 71,000.00	
Hocking College	\$ 71,000.00	
Rio Grande Community College	\$ 57,000.00	
Shawnee State	\$ 44,500.00	
Washington State Community College	\$ 8,926.68	
Zane State College	\$ 69,000.00	
Misc. Professional Consultant Fees	\$ 43,082.48	
400 Summary		\$ 375,895.97
500 Supplies		
Instructional Supplies	\$ 71,088.17	
Regional Promotional Supplies	\$ 1,445.48	
Office Equipment/Supplies	\$ 2,000.00	
Tech Prep Event Supplies/Materials	\$ 2,375.00	
500 Summary		\$ 76,908.65
800, 900 Other		
Indirect cost for 90 day extension	\$ 9,667.87	
800, 900 Summary		\$ 9,667.87
TOTAL BUDGET		\$ 562,606.46

TECH PREP PATHWAY DEVELOPMENT GRANT ALLOCATIONS

- 100 Staff Salaries - 12%
- 200 Retirement/Fringe Benefits - 6%
- 400 Purchased Services - 67%
- 500 Supplies - 13%
- 800, 900 Other - 2%



Financial Summary

As noted above, a majority of the FY18 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.

- Hocking College supported a 2nd Annual Career Camp where secondary students have the opportunity to explore three career fields and learn about the education pathways into those careers.
- Hocking College enhanced pathways from Tri-County Career Center in the Culinary program, and Marketing/Multi-Media program by funding the purchase of culinary and classroom equipment.
- Rio Grande will work on the development/expansion of articulation agreements for students to pursue nursing/allied health, as well as purchase equipment for these programs (manikin, exam table)
- Shawnee State will expand opportunities for students at Pike County Career and Technical Center with upgraded computer equipment in the CTC business program
- Mid-East Career and Technology Center will now be able to offer expanded courses through shared technology (Poly-Com equipment) purchased through Washington State Community College

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 \$10,000 over our initial Tech Prep Pathways allotment provided through new Skills For Youth. Of those funds, The Southeast Center spent \$8,185.65 on the conference center venue (Ohio University Baker Center) and catering (Ohio University Catering Services), \$2,000.00 on the keynote speaker, Jamie Meade from Battelle for Kids, and \$948.06 on printing/advertising/misc. The difference between the NSFY funding and our budget was supported by a \$25 registration fee for attendees.

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 JVSDs 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, will be experiencing 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 continue 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

Eastern Gateway Community College (EGCC) is a partner with the **Mahoning Valley Manufacturing Coalition (MVMC)** working with businesses to develop educational pathways including workforce skills. EGCC has worked with the MVMC for three years attempting to develop pathways for students from the area Career Centers in the Mahoning Valley into higher education. The EGCC Tech Prep Coordinator worked with three career centers: Mahoning County, Columbiana County, and Choffin on secondary CTE pathways into machining and welding programs at EGCC. These articulation agreements include secondary coursework and completion of the EMIS courses with credentials in the career field equating to credit hours at EGCC, up to 21 credit hours in Machining and up to 28 credit hours in Welding. These articulations which were started in the Mahoning Valley, are now available in Jefferson County, and will be available throughout the region.

In a partnership that resulted from the SE Regional SuccessBound 2018, **Switzerland of Ohio Local School District, Washington State Community College, and Ohio College Tech Prep** are working together to build and develop new Career Tech Programming. As a comprehensive school district, school officials are looking to add relevant CTE programming to both the home schools in the district as well as the CTC. 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).

The **Southeast Ohio Manufacturing Council**, which is comprised of the local CTPD, ESC, school districts, OMJ Center, Economic Development Officials (Community Improvement Corm, Port Authority, and Chamber of Commerce), post-secondary faculty and administration, industry, and the SE Tech Prep CA, has worked to build and strengthen relationships and partnerships among all of the previously listed entities. Through this collaborative effort, a web-page was developed for students to regionally explore careers and local businesses, to explore educational opportunities (including the benefits of Tech Prep), and to see out job shadowing and other work-based learning opportunities. See www.careersinmycommunity.org

Hocking College has worked to form a partnership with **New Lexington City Schools** and **Northern Local Schools of Perry County** to create a Healthcare Pathway. Within this pathway, students will earn both articulated and College Credit Plus (CCP) credit toward Hocking College’s Healthcare Programs. Students can earn up to 30 credits in the healthcare program. Once the student has graduated from high school they can finish the second half of the program at Hocking College. Following the completion of the post-secondary program, students have several career opportunities such as: Dental Hygienist, Emergency Medical Services, Fitness Management, Health Information Management, Laboratory Sciences, Massage Therapy, Medical Assistant, Physical Therapist Assistant, and Registered Nurse.

Exemplary Programs of Study

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

Secondary School District	Partner Post-Secondary Institution	Pathway Code
Logan-Hocking School District	Hocking College	C4 – Business & Administrative Services
Swiss Hills Career Center	Hocking College	L0 – Culinary Arts
Jefferson County JVSD	Eastern Gateway Community College	R7 – Manufacturing Operations
Buckeye Trail High School	Zane State College	F6 – Engineering and Design
Mid-East CTC	Zane State College	N0 – Information Support and Services
Scioto County CTC	Southern State Community College	N0 – Information Support and Services

REGIONAL CENTER NARRATIVE

1. Region at a Glance

Chief Administrator: Terry Benedict

Regional Coordinator	Office Location
Rita Graf	Southern State Community College
Kathryn Bauer	Cincinnati State Technical and 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: \$369,007 (Pathways Grant); \$10,000 (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 the FY18 grant cycle 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 the FY18 & FY19 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.

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.

Chief Administrator Terry Benedict manages the grant and supervises area coordinators and support staff. She is an employee of Cincinnati State.

Katie Bauer is career tech pathway and transition manager at Cincinnati State. Katie 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.

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.

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
- Implementing a shared services project to structure regional resource sharing and collaboration
- Creation of enriched pathway models including work-force learning, new content standards, career field course transition, technical assessments and expanded postsecondary and employment options
- 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
- Increasing awareness of regional work-based learning opportunities available across the region
- 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 FY18: CBI and JTC, Information Technology, Engineering and Manufacturing.

	CBI and JTC	Information Technology	Engineering	Manufacturing	FY18 Total
CTE26s/POS's Completed	40	66	73	10	189
Articulation Agreements (AA) Created		64	43	9	116
Average Number of Credits on AA		8	7	7	7

Chart 2 reflects work done by the Southwest Regional Center beyond the slated scope of work identified for FY18. This details the support provided to secondary partners beyond the mandated career-fields identified in Chart #1.

	A0	C4	DD	G2	J0	L1	TA	FCS	ICO	Statewide AA Completed During FY18	FY18 Total
CTE26s/POS's Completed	4	3	2	1	4	1	2	8	46	8	79
Articulation Agreements (AA) Created	5	1	1	1			2				10
Average Number of Credits on AA	3	9	6	3			3				5

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

Name of Event	Number of stakeholder attendees (excluding students)	Number of student attendees	Number of CTPDs Represented	Number of Outside Partners Represented (Charter, private, parochial etc.) (If applicable)	Number of Postsecondary Partners Represented (If applicable)
Emerging Workforce Committee	50		2	45	2
INTERalliance ITTech Camp	15	80	2	30	4
Health Careers Collaborative (5)	17		1	6	4
Regional Superintendents Stakeholder Meeting	9		8		1

Name of Event	Number of stakeholder attendees (excluding students)	Number of student attendees	Number of CTPDs Represented	Number of Outside Partners Represented (Charter, private, parochial etc.) (If applicable)	Number of Postsecondary Partners Represented (If applicable)
Warren and Butler Stakeholder Meetings	4		2		1
UC Health Transformation Mission Based Healthcare Meetings	50		1	10	4
Great Oaks Stakeholder Meeting	8		1		2
IT Initiative (3)	100	30	5		20
Healthcare Pathway Meetings	8		2		3
Great Oaks Articulation & CTAG	5		1		2
UC STEM Conference	300		5		4
Dental Collaborative Meetings (5)	9		3	4	5
P&G Career Presentations (2)	25	260		5	3
Partner Wrap Meeting	15		6	1	5
Women in Aviation at GE Aviation	60	130	3	17	3
CPS Career Expo	25	200	1		5
HealthFORCE Expo (2)	90	830	7	5	6
Manufacturing Internship Meeting	2			1	1
Cincinnati State/UC Pathway Collaboration	5				3
AMIP (Advanced Manufacturing Industry Partners) (2)	40		5	10	3
DHL/CPS Logistics Co-Op Program Meet	15		1	2	2
Regional Meet with State Board Rep.	6		2		2
CTE-26 Workshop MVCTC	15		6	0	2
Avionics Partnership Meeting	6		1		1
IT Engineering Senior Conference	20	110	5	1	4
Hamilton District Partnership Meeting	5		1	0	1

Name of Event	Number of stakeholder attendees (excluding students)	Number of student attendees	Number of CTPDs Represented	Number of Outside Partners Represented (Charter, private, parochial etc.) (If applicable)	Number of Postsecondary Partners Represented (If applicable)
Lakota Pathway Alignment Meeting	8		1		3
OCTANE On Road (2)	28		6		6
CTE-26 Workshops (3)	34		7	3	4
Cincinnati State					
CTAG Awareness Event	150				1
Health 15/30 Hour Option Meeting	10		1		1
Hughes High Exploration	8	25	1		1
Hamilton County ESC Council Meetings (4)	35	6	3	2	1
Warren County ESC Presentation	25		2		1
Southwest Ohio Transition Summit	32		5	1	24
SuccessBound Conference	200	16	5	61 business;	
47 non CTE	19				
Live and Scarlet Oaks Campus Visits	4	160	1		7
UC IT Presentation	35		2	7	11
Apprenticeship Meeting	7			1	6
Edgewood Reverse Job Fair	25	200	1		1
Great Oaks Pre-Apprenticeship Meeting	6		1		3
Pathways to Professions	35	250	2	2	4

WORK-BASED LEARNING

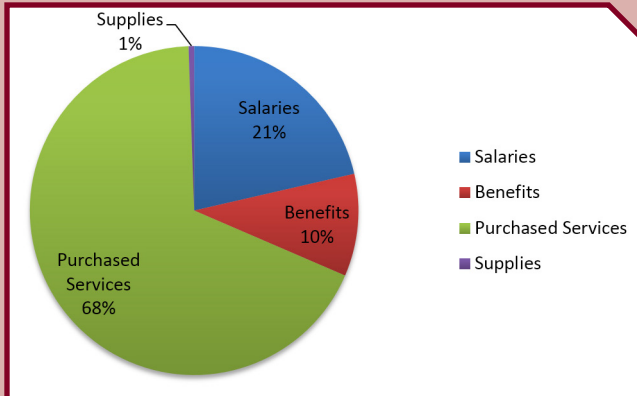
The following chart reflects work-based learning fostered by Southwest Regional Center based on new opportunities, learning agreements, connection between business and industry and engagement of Adecco or other partnerships.

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, Center joined JA to present SB and other WBL opportunities to Warren County ESC
Mason/Deerfield Chamber of Commerce- Sherry Taylor	SuccessBound info, will 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 is IHL board
Kroger-Tim Massa	SuccessBound speaker
Talent Initiatives- Jordan Vogel	SuccessBound speaker
Cincinnati USA Regional Chamber- Sharan Monk	SuccessBound speaker, planner
Shadow IT Group, Matthew Davis	SuccessBound speaker, wants more
INTERalliance of Greater Cincinnati, Kyle Gundrum	SuccessBound engagement
GE, Emily Tucker, Natalee McMullin	SuccessBound speakers, Engineering Conference participants
P&G, Rob Shottlecotte, Lee Ferris	SuccessBound, engineering pathway partner
MowNow, Matt Vorst	SuccessBound speaker
Omniboom, Richie Brees	SuccessBound speaker
Zero Day, Joe Anderson	SuccessBound speaker
Adjutant General Office, Mark Bell	SuccessBound speaker
Amazon	SuccessBound supply chain
Amstan	SuccessBound supply chain
Cintas	SuccessBound, supply chain

Perfetti	SuccessBound, Adecco
TQL	SuccessBound supply chain
UPS	SuccessBound supply chain
FESTO	Adecco
Gold Medal Products	Adecco
Candle-lite	Adecco
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	Student business who participated in SuccessBound has recruited five franchises due to event
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, future engagement
Level 3: Implementation	Credit Flex, Job Site Readiness, Student; Supervisor/Transition Coordinator, Work Plan
Institute Hospitality Management	Credential class; paid work experiences for 20-25 students start in January
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
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
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

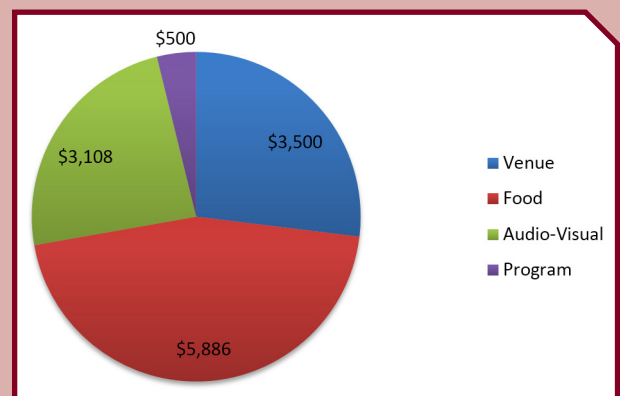
Salaries: \$79,000

Benefits: \$37,130

Supplies: \$2,007

Purchased Services: \$250,870

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



SuccessBound Support Grant: \$10,000

Sustainability

To meet essential goals identified by the Ohio Department of Education and the Ohio Department of Higher Education, the southwest region has adjusted its organizational structure to offer a full menu of service by leveraging expertise and available community assets:

- Regional focus on work-based learning and student service presents opportunity to tap into employer and postsecondary resources to enhance in-demand career pathway options
- Cross-regional collaboration with the southeast region and new alliances with broad-based organizations focused on employer engagement and career-based services are forward steps that

build on past accomplishments. As the region continues to grow partnerships, exert influence and establish credibility, the opportunity for outside support increases

- Regional activities are tightly aligned to ODE and ODHE goals- minimizing cost
- Working together, each entity is stronger and able to efficiently serve more students while minimizing duplicative efforts.

PARTNERSHIP HIGHLIGHTS

Cincinnati State Scholarship

The Career Tech Pathway and Transition Manager was instrumental in the creation of the 'Be Great' Scholarship provided for career tech students. Through the extensive knowledge gained through Tech Prep work of secondary processes, as well as post-secondary needs, this scholarship was established to financially support students in the completion of a CTE pathway, all the way through a Cincinnati State certificate or degree. Approximately 30 students are eligible for awards.

Butler Tech Aviation Pathway

Through collaborative efforts between Butler Tech, SWTech Prep, and Cincinnati State, Butler Tech is poised to establish a new aviation pathway for execution in FY19. Through extensive conversation and curriculum evaluation between Cincinnati State and Butler Tech, a new and innovative pathway is being created to provide students exposure and college credit in avionics, unmanned aerial systems, and aviation maintenance, all through one pathway at the secondary level. Experiential learning and off-site educational opportunities are being created, with the pathway integrating CTAG, bilateral, and College Credit Plus offerings. Without the support of Tech Prep organizing the efforts and keeping the project on track, it is likely that this pathway would not have robust offerings for students and would not be as prepared for the Fall 2019 launch.

Cincinnati Public IT Girls Career Exploration Visit

Students from Hughes High School in grades 7-10 attended a career exploration visit coordinated by the Southwest Tech Prep Regional Center. Students toured the Duke Energy Convention Center, learning about networking, hardware, and the types of jobs associated with providing technical support to a large operation such as the convention center. After the tour, students visited Cincinnati State and interacted with six different professionals working for the college in information technology positions. The women who presented to the group represent varying levels of technological support to the college, some on the user end, data management, and other functions. It was a great day for the girls to see profession women working in IT degrees, with the goal of inspiring them to choose the CTE pathways available to them in Information Technology through the district.

***Hughes High School Electro-Mechanical Apprenticeship Pathway**

Hughes High School engineering students will embark this fall on a pathway that engages them in hands-on projects and integrated curriculum delivered by secondary and postsecondary instructors who are collaborating to prepare them for degrees and employment. High school curriculum has been aligned to Cincinnati State's electro-mechanical degree program. The college department chair will support high school teachers and instruct students on a regular basis. The pathway includes work-based 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 has created a course to link college students as advisors to the students when they are incoming freshmen.

Health Pathway—Resource Sharing

The southwest region is working collaboratively to expand student opportunity by informing postsecondary faculty about changing secondary curriculum, engaging business partners in pathway enrichment and aligning secondary curriculum to postsecondary expectations. During a recent meeting, employers representing long-term and acute care joined the Executive Director of the Health Careers Collaborative of Greater Cincinnati (HCC) to discuss needs, opportunities and expectations for employment of career tech graduates. Secondary and postsecondary teachers and employers discussed ways to effectively partner and overcome challenges to student shadowing, employment and professional engagement. Participants agreed to share employment information including personnel policies with the high school faculty.

Ohio Southwest Region Transfer Summit

Research conducted by ODHE, as well as internal institutional research data, confirms the high transfer rate among students in the Southwest Region. In an effort to increase collaboration between two- and four-year institutions in the Southwest Region, Tech Prep supported two networking and information sharing events focused on equitable opportunity, increased transfer visibility and increased four-year goal attainment.

The April summit addressed transfer from Career Technical Centers to Colleges & Universities. Attending were Career Technical Center leaders such as Butler Technology & Career Development, Great Oaks Institute of Technology, Southern Hills JVSD, US Grant JVSD, and Warren County Career Center. This summit more pointedly focused on strategies to propel successful transfer of students from Career Technical Centers to regional two- and four-year institutions.

*** 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.

Starting August 22 IHL, collaborating with the Cincinnati Public Schools and the Cincinnati Recreation Commission, will begin a pilot project at Dater High School to prepare 20-25 students for hospitality management careers. The class will be co-taught by a Dater instructor and hospitality professionals twice a week for 16 weeks, including six field trips to area colleges and tourism sites. Upon successful examination, students can receive a CTA (City Tourism Ambassador) certification. From January through May, students will have a paid work experience at local hospitality venues.

The Cincinnati Convention & Visitors Bureau invited Tech Prep to its board to help structure collaboration with secondary and postsecondary partners in order to grow the pipeline. The group has also established a hospitality-focused speakers bureau and added hospitality presence at area career expos.

Engineering Pathway—Building Ohio's Workforce

A southwest regional team, including Cincinnati State and P&G, has been focused on implementing an accelerated pathway leading to P&G technical careers. Corporate executives engaged the regional center to facilitate pathway development and support communication to parents and students about technical career employment options and requirements. Tech Prep shared key education contacts, offered communication guidance and suggested formats for meetings engaging parents and students.

Multiple outreach events have been offered throughout the community. Specifically, Tech Prep

advocated for and coordinated events targeted to inner-city families. Two hundred students attended sessions at Butler Tech. Another 60 parents and students, educators and employers attended a session at Cincinnati State. Several hundred individuals participated in sessions throughout the region.

Tech Prep continues to lead the partnership team to align secondary and postsecondary curriculum for a pathway that features employer engagement in instruction, early college credit and employment options ranging co-op and apprenticeships to full employment. The team includes secondary and postsecondary educators and corporate associates.

Health Pathway—Resource Sharing

More than 1,000 students representing comprehensive and career tech schools had the opportunity to engage in hands-on activities with employers and post-secondary faculty at two Health FORCE Expos during the FY18 school year. The event is one of several initiatives Tech Prep offered in collaboration with the Health Career Collaborative of Greater Cincinnati.

As an active partner of the employer-led initiative, Tech Prep has been able to link available resources to influence regional focus on the development of work-based learning opportunities including apprenticeship and pre-apprenticeship for high school students. For example, Tech Prep is facilitating 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 this fall.

Health Careers Collaborative of Greater Cincinnati Partnership & Activities

Tech Prep has joined the Health Careers Collaborative of Greater Cincinnati as a full partner, with Dr. Marianne Krismer, SW Ohio Tech Prep Health Pathway Advisor serving on the Executive Board. HCC is an employer-led initiative that works collaboratively with education, community service, workforce agencies and employers to provide pathways to employment for diverse external and incumbent worker populations.

Tech Prep is contributing to the development of health care apprenticeships and pre-apprenticeship opportunity. Envisioned as a hub and spoke system of regional services, the Collaborative will file in July for registration with ApprenticeOhio for sterile processing. Additional spokes for other specialties will be incrementally added. Cincinnati Public and Great Oaks are seeking approval for pre-apprenticeship programs. 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.

Core Curriculum Partnership with HealthForce Minnesota

HealthForce Minnesota is a collaborative model between secondary and post secondary education and employers to enhance pathway development resulting in employment for needed HC positions. Work completed in 2016 by Cincinnati State and eight other community colleges to develop a national core resulted in an on-line HC Core Train the Trainer curriculum provided by Anoka-Ramsey Community College in Minnesota. A partnership has been established with Tech Prep to provide training to high school, community college and other trainers to become certified via this on line training to provide the Core Healthcare Training to students. This curriculum will be the basis for training and can provide four college semester credits toward certificates or degrees in HC. Cincinnati Public is providing this course as a component of a pre-apprenticeship program (referenced above) linking with employers and community colleges for further pathway advancement. CPS plans to implement at two sites in the fall.

New Internship for Cincinnati Public Schools

Eight Woodward High School high school seniors supervised by Stephanie Brown participated in an

internship with Montgomery Lodge. This involvement provided relevant hands-on experiences for the nursing assistant trained students with goal to provide job opportunities at The Lodge or other Healthcare facilities. Tech Prep health pathway coordinator mentors the teacher.

Dental Collaborative

The southwest regional center is facilitating a collaboration including the University of Cincinnati, Cincinnati State, Cincinnati Public, Butler Tech and Great Oaks to develop seamless pathways from dental assistant to advanced practice dental assistant to dental hygienist. Efforts are targeted to under-represented high school students. The President of the American Dental Association, Dr. Joe Crawley, is an active member of this group and is providing guidance and support based upon national and statewide needs and trends.

Health Care Apprenticeships Presentation

Dr. Marianne Krismer, SW Ohio Tech Prep Healthcare Pathway Coordinator, recently led a panel on Health Care Apprenticeships at the American Association of Community Colleges Workforce meeting in New Orleans. Featured was the collaborative work of our community to develop pre-apprenticeship programs leading to apprenticeship programs for our southwest Ohio career tech students. Approximately 200 individuals attended.

Exemplary Programs of Study

- Western Brown HS F6 aligned with Southern State
- Diamond Oaks N1 aligned with Cincinnati State
- Hughes STEM High School F6 aligned with Cincinnati State
- US Grant R7 aligned with Cincinnati State
- Blanchester HS N2 aligned with Southern State
- Laurel Oaks N3 aligned with Cincinnati State

(F6) Engineering and Design; (N1) Interactive Media; (R7) Manufacturing Operations; (N2) Network Systems; (N3) Programming & Software Development

REGIONAL CENTER NARRATIVE

1. Region at a Glance

Chief Administrator: Wendell Meyers

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

Total Budget: \$329,191 (main); \$10,000 (support)

2. Regional Center Overview/History

The Regional Center – West became its own region October 1, 2017, and encompasses 12 (Mercer, Auglaize, Darke, Shelby, Miami, Champaign, Preble, Montgomery, Greene, Fayette, and Clinton) counties. The Chief Administrator, Wendell Meyers, is housed at Sinclair College, and two additional consultants, Deb Holthaus (Edison State Community College – Piqua, Ohio) and Barb Yontz (Clark State Community College – Springfield, Ohio), complete the West Region team. Prior to the West Region creation, our territory was split between the Northwest and Southwest regions.

Currently (June 2018) the Center partners with 7 postsecondary partners which include 12 career technical planning districts and 102 school districts as illustrated in the following figure:

3. General Listing of Services

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



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

PERFORMANCE/YEAR-END REVIEW

Main Pathway Development/Articulation Grant Work

The following chart represents the work done by Regional Center – West in the career fields identified by the Ohio Department of Education for transition in FY18 (for renewal in FY18): Career Based Intervention (CBI) and Job Training Coordinator (JTC), Information Technology, Engineering, Manufacturing.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available on AA
CBI & JTC	36	0	3
Information Technology	41	48	112
Engineering	59	38	104
Manufacturing	7	23	55
FY18 Total	143	109	274

The following chart reflects work done beyond the slated scope of work identified for FY18. 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	1	56	46
Arts & Communication	2	18	46
Business & Administrative Services	2	25	46
Construction Technologies	2	22	77
Education & Training	0	12	27
Finance	0	3	29
Health Science	1	46	59
Hospitality and Tourism	1	14	36
Human Services	0	7	26
Law & Public Safety	0	5	52
Marketing	0	12	24
Transportation Systems (Auto & Aviation)	1	20	78
Statewide AA Completed During FY18	0	105	28
FY18 Total	10	345	574

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 CTPDs Represented	# of Outside Partners Represented (Charter, private, parochial, etc.) (If applicable)	# of PS Partners Represented (if applicable)
Career Exploration Days (57)	183	3560	24		326
1/24/18 Pre-Apprenticeship and Work-Based Learning Workshop	99		23		19
Dayton Development Coalition Meetings (6)	19		6		18
Getting Ready for College	98	297	22		6
VIP Dinners (2)	2	193	2		7
OhioMeansJobs Meetings (3)	27	2	3		10
Health Occupation Students of America (HOSA) Midwest Regional Competition	19	346	9		4
Octane Workshops (4)	21				24
Sinclair Guidance Counselors meeting on National Alliance for Partnerships in Equity Workshop	114		24		29
Tech Prep Showcase	60	1000	13		86
West Region SuccessBound Conference	150		24	3	10
Perkins Teacher Summit Meetings	98		24		83
Dayton Area Career Tech Leaders Group Meetings (6)	42		24		6
Ohio 8 Recruiting Events (8)	63	484	1		24
Stakeholder Meeting	37		15		13
Integrated Recruitment Meetings (4)	0				120
Superintendent Meetings (5)	52		20		
Instructional Council (5)	0				104
Summer Bridge Program (3 days)	0	100 (15 Tech Prep)	5		37
Ohio 8 Professional Development (6)	141		3		13
Upper Valley Career Center Stakeholder Meetings - Edison (3)	77	8	2	62	12

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)
Counselor Meetings – Edison (4)	25		12	24	1
Program Advisory Committee Meetings – Edison (4)	61	2	5	46	13
WBL/Pre-Apprenticeship Think Tank 2/16	9		2		4
Advisory Meetings - SCC	18		9		16
Clark State Ag Network Meeting	11		2	3	3
Clark State IT Network Meeting	16		3	3	5
Clark State Guidance Counselor meeting	22		3	12	4
Clark State Health Network Meeting	12		3	0	4
Clark State Engineering Network Meeting	13	1	4	1	6

WORK-BASED LEARNING

Relationships Between Business and Industry

The following chart reflects work-based learning fostered by Regional Center – West 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
Work-Based Learning and Pre-Apprenticeship Workshop	1/24 Work-Based Learning and Pre-Apprenticeship Workshop at Sinclair
Meeting with Wendell Meyers and Jess Moore with Sinclair’s Miami Valley Tech Prep Consortium	1/30 Adecco Meeting with Wendell Meyers and Jess Moore with Sinclair’s Miami Valley Tech Prep Consortium
Tour of Miami Valley Career Technical Center	2/5 Adecco Tour of Miami Valley Career Technical Center
Dayton Job Corps. Meeting	2/9 Dayton Job Corps. And Adecco Meeting
Sinclair Work-Based Learning Think Tank	2/16 Sinclair Work-Based Learning Think Tank with Adecco

Ohio High Point Meeting	February 2018 – Adecco and Ohio High Point Meeting
Presentation at Sinclair/Miami Valley Tech Prep Consortium Coordinator meeting	2/28 Adecco presentation at Sinclair/Miami Valley Tech Prep Consortium Coordinator meeting
Upper Valley Career Center Tour	4/5 Adecco Tour of Upper Valley Career Center
Judge for Miami Valley Tech Prep Consortium/Sinclair Tech Prep Showcase	4/12 Adecco Judge for Miami Valley Tech Prep Consortium/Sinclair Tech Prep Showcase
Sidney High School Meeting	4/20 Adecco and Sidney High School Meeting
Sidney/Shelby County Workforce Development Meeting	4/24 Sidney/Shelby County Workforce Development and Adecco Meeting
West Region Success Bound Conference	5/4 West Region Success Bound Conference with Adecco
Sidney High School Teacher Meeting	5/8 Sidney High School Teacher and Adecco Meeting
Edison Meeting	5/16 Edison CC and Adecco Meeting
Meeting with National Trail HS, Twin Valley HS, and Eaton HS	5/24 Meeting with National Trail HS, Twin Valley HS, Eaton HS and Adecco
‘Inspiring Career-Focused Education’ presentation with Mark Perna (Adecco)	6/11 ‘Inspiring Career-Focused Education’ presentation with Mark Perna and Adecco
Ft. Loramie Schools Meeting	6/12 Ft. Loramie Schools and Adecco Meeting
ACTE Conference Call	6/13 ACTE Conference Call with Adecco
Sidney-Shelby County Workforce Development Meeting	6/13 Sidney-Shelby County Workforce Development Meeting with Adecco
Springfield Clark CTC Meeting	6/14 Springfield Clark CTC and Adecco Meeting
Ohio MEP Leadership call with Susan Foltz	6/18 Ohio MEP Leadership and Adecco call with Susan Foltz
Edison State Apprenticeship Workshop with Patrick Reardon	6/21 Edison State Apprenticeship Workshop with Patrick Reardon and Adecco
Meeting with Hemm’s Glass – Piqua Meeting	Hemm’s Glass – Piqua Meeting with Adecco
Advanced Composites – Sidney	Advanced Composites and Adecco Meeting – Sidney
Ferguson Construction – Sidney	Ferguson Construction and Adecco Meeting – Sidney
Applied Mechanical Systems – Dayton	Applied Mechanical Systems and Adecco Meeting – Dayton
Datwyler – Vandalia	Datwyler and Adecco Meeting – Vandalia
All Service Plastic Molding – Vandalia	All Service Plastic Molding and Adecco Meeting – Vandalia
Ply Gem Industries – Sidney	Ply Gem Industries and Adecco Meeting – Sidney
Klocker Pentaplast – Greenville	Klocker Pentaplast and Adecco Meeting – Greenville
Agrana – Botkins	Agrana – Botkins and Adecco Meeting
Leroi Gas Compressors – Sidney	Leroi Gas Compressors and Adecco Meeting – Sidney
State Support Team Meeting (Kristina Ropos)	State Support Team and Adecco Meeting
State of Ohio/ODE	State of Ohio/ODE Meeting with Adecco

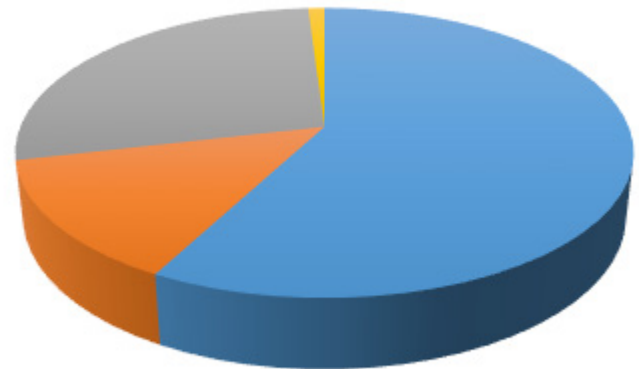
Dayton Development Coalition	Dayton Development Coalition Meeting with Adecco
Springfield Chamber of Commerce	Springfield Chamber of Commerce Meeting with Adecco
Preble County Workforce Development	Preble County Workforce Development Meeting with Adecco
Miami County Job and Family Services	Miami County Job and Family Services Meeting with Adecco
Apprenticeship Meetings with Edison Apprenticeship Director	Apprenticeship Meetings with Edison Apprenticeship Director and Adecco (3/15/18, 4/9/18, 4/25/18, 5/2/18, 5/15/18) (Consultant Deb Holthaus @ Edison)
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
3/1 Upper Valley Career Center signed agreement with Adecco	Adecco (or other) Engagement in Initial Commitment Process
March 2018 – Ohio High Point Career Center signed agreement with Adecco	Adecco (or other) Engagement in Initial Commitment Process
4/10 Miami Valley Career Technical Center signed agreement (Adecco)	Adecco (or other) Engagement in Initial Commitment Process
5/29 Sidney Schools signed agreement (Adecco)	Adecco (or other) Engagement in Initial Commitment Process
Level 3: Implementation	Adecco Engagement in Labor Relationships (if paid/applicable); Credit Flex; Job Site Readiness; Student Supervisor/Transition Coordinator; Work Plan
Ohio High Point with Honda	Credit Flex
Miami Valley CTC	Job Site Readiness
Upper Valley CC	Student Supervisor/Transition Coordinator Work Plan
Level 4: Enrollment	Student Participation; Internships; Externships; Pre-apprenticeships
Ohio High Point pre-apprenticeship (1 enrolled for pilot run)	Internships
Miami Valley Career Technical Center Internship (29 enrolled)	Internships
Miami Valley Career Technical Center Pre-Apprenticeship (45 Enrolled)	Internships
Upper Valley Career Center Pre-Apprenticeship (approx.. 60 enrolled) with businesses in Manufacturing, Construction Trades (HVACR, Electrical & Construction), Automotive Tech & Collision, Digital Print & Welding	Externships
Level 5: Assessment	Formative and Summative; Student Based; Employer Based; Observation (Third Party)
N/A	N/A

FINANCIAL STATEMENT

FY18 Total Tech Prep Pathway Grant Funding (Actual)

Category	Amount
Salaries (58%)	\$181,805.05
Benefits (13%)	\$42,739.25
Purchased Services (28%)	\$87,128.28
Supplies (1%)	\$3,178.35
Total	\$314,850.93

West Region



■ Salaries ■ Benefits ■ Purchased Services ■ Supplies

Financial Summary

Sinclair Community College serves as the fiscal agent for the West Region. West Region Tech Prep has partnerships with Edison State Community College and Clark State Community College. A portion of the West Region funds are used to pay each institution, they each submit monthly reports justifying the grant deliverables completed and submit quarterly invoices identifying how their allocation was spent. All three colleges meet the grant deliverables.

SuccessBound Financial Summary

The Central Region received \$10,000 to host its regional SuccessBound Conference. Expenses totaled \$9,142.15. Revenue from registration fees totaled \$2,950.00. We received a check from State for \$6,192.15.

Sustainability

Our strategy for sustaining with the financial decrease was resolved by reducing salary and wages. A part-time Pathway Manager position within Tech Prep is no longer available. The West Region's financial decrease was about \$33,000 dollars due to the elimination of our part-time Pathway Manager.

The West Region is embedded primarily at 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. A group of CareerTech leaders from the region, who go by the name Dayton Area CareerTech Leaders (DACTYL), meet monthly to address ongoing initiatives, challenges and future goals. The West Region partners with State Support Team Region 6, Educational Student Centers in Montgomery 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 CareerTech. Members of the West Region serve on partners' Perkins Committees, hold regular Governing Board/Superintendent meetings, and work closely and consistently with Provosts and Instructional Council Stakeholders.

PARTNERSHIP HIGHLIGHTS

Work-Based Learning/Pre-Apprenticeship Work: Since the start of 2018, our region has created multiple touch points (1/24 Work-Based Learning and Pre-Apprenticeship Workshop, 2/16 Work-Based Learning and Pre-Apprenticeship Think Tank, 2018 West Region SuccessBound Conference, and many additional one-off meetings) engaging 97 business and industry partners, 120 secondary partners and 44 post-secondary partners in order to create opportunities for our high school (and younger) students to get relevant career experience, within in demand fields, to arm them with employable credentials by high school graduation. As a result of this work, 4 agreements are already in place (of which we are aware) for the 2018-2019 academic year, and many early conversations around this work continue to progress toward that same outcome.

Edison, Upper Valley Career Center and Premier Health (Upper Valley Medical Center) partnership: Edison and Upper Valley CC are in the beginning stages of discussion to develop a partnership with Premier Health (Upper Valley Medical Center) to offer pre-apprenticeships for secondary Medical Academy students and apprenticeships for post-secondary students who are enrolled in one of Edison's medical or nursing degree or certificate programs. As part of the State of Ohio's College Apprenticeship Consortium, Edison can serve as a Registered Apprentice Sponsor for employers to engage in a work-based learning program designed to grow their skilled workforce or to assist students who are looking for educational and/or career opportunities. This initiative will help Premier Health fill their current need for Patient Care Technicians. Health Science is an in-demand sector in the region and the State of Ohio.

- To further this dialogue about apprenticeships with Premier Health and other employers in the region, Edison hosted an informative session with Patrick Reardon, Program Administrator Apprentice Ohio on June 21. He shared the advantages of apprenticeships for businesses and provided insights and ways in which companies can take advantage of this work-based learning opportunity to grow a workforce of trained employees. Over 100 participants were in attendance.

Tech Prep student matriculation to Sinclair and scholarship recipients: As of November 2017, 3,442 Sinclair enrolled students are former Tech Prep students. As of June 15, 2018, there are 3,472 May 2018 high school graduates who earned the Tech Prep Scholarship to Sinclair, which provides \$1500 a year for two years toward tuition, books and fees. To date, Tech Prep students represent 25% of Sinclair Community College FTE for Fall 2018 and 22% of SCC head count.

Multiple Measures 3.0 (MM3): Research shows that students who enter college without remediation needs are more successful in college classes and are more likely to graduate. As a result of this research, there is an effort in Ohio, spearheaded by the Ohio Department of Higher Education and the Ohio Department of Education, to develop strategies that will reduce the need for academic remediation with Ohio students. Colleges and universities have developed uniform assessments to determine if a student meets the standards adopted for college readiness. Sinclair's pilot, Multiple Measures 3.0 (MM3), was such a success, it was made a permanent policy for Tech Prep students in July 2017. As of June 15, 2018, 2,373 May 2018 high school graduates have greater than or equal to a 3.0 GPA, 1,395 graduates with a grade equal to or greater than B in Algebra II, and 443 graduates with a grade equal to or greater than a B in Pre-Calculus. These scores align with our [MM3 chart](#), thus allowing those students to 'leap frog' remedial courses bases on their grades.

Clark State Community College first applied baccalaureate degree in Manufacturing Technology

Management: On May 31, 2018, Clark State Community College received official approval from the Ohio Department of Higher Education (ODHE) for its first applied baccalaureate degree. The four-year degree in Manufacturing Technology Management will be available to students beginning in the fall semester of 2019 pending final approval by the Higher Learning Commission. This degree in Manufacturing Technology Management complements Clark State's existing certificates and associate degrees. Clark State has over 30 companies actively engaged in advisory meetings and ad hoc meetings pertaining to the applied bachelor's degree, company tours/visits with students, companies visiting classes to discuss employment opportunities. This degree program allows incumbent workers the opportunity to access a bachelor's degree to foster opportunities for professional advancement and higher skill and management level. Currently, High School and Career Center students have access to earning over 15 college credits during their high school career toward an Engineering Certificate, which in turn aligns directly to the baccalaureate degree in Manufacturing Technology Management at Clark State.

Industry Certification Only (ICO): Thirteen ICO applications were approved for the West region this year. Edison – 2 (Upper Valley Career Center), Sinclair – 8 (Liberty High School), and Clark State – 3 (Cliff Park High School).

Public Relations Attention & Social Media Presence:

- **Operation Football:** Sinclair partnered with Operation Football on Channel 2 WDTN and Touchdown 7 on WHIO. Sinclair Tech Prep participated in tailgates at the weekly games to interview over 100 different Tech Prep and College Credit Plus students from 25 different high schools in the region on what they love about Tech Prep/CCP and the sponsorship included 4 weekly 25-30 second commercial spots with that footage that ran during the newcasts covering Friday night high school football over a 10 week period. This totaled 39 social media spots 39 social media spots featuring CCP & Tech Prep students from the competing teams that garnered over 129,948 views and we gained over 700 new followers outside of our normal base as a result.
 - [Link to spots](#) (keep hitting 'Show More' to get to videos from September and October)
- **Tech Prep Showcase:** Each year we host our Annual Tech Prep Showcase event which provides an opportunity for our Career Technical high school students in the Miami Valley to literally showcase and show off the skills they have perfected in their programs. Our 2018 event was the 20th annual, and we had 250 teams (typically made up of 2-5 students) competing in 35 different categories, making it our largest yet. Sinclair's Marketing and Communication department did [a story on our event](#) which was posted on the Sinclair Facebook page and has gotten 719 views and 6 shares.
- **SuccessBound:** The [Dayton Business Journal wrote an article](#) about the Inaugural West Region SuccessBound Conference on May 4, 2018. The conference came as a directive from the state with a purpose of providing introductory best practices to education and business partners on collaborating and providing career pathway options, Work-Based Learning experiences, and other career readiness preparation opportunities for students. The West Region SuccessBound Conference engaged 150+ business and community stakeholders, 24 Career Tech Planning Districts, as well as secondary partners.

Work toward the mission of [The Ohio 8](#): In addition to spending many hours supporting entry year teachers in Dayton's eight new Tech Prep programs and supporting professional development for Ponitz teachers, Tech Prep added two steps to its work with Ponitz CTC students. Based on two focus group recommendations, Tech Prep first expanded its work to include freshmen and sophomore programming. At a Freshman Seminar morning SCC staff taught lessons on College Credit Plus, SCC programming, the Tech Prep Scholarship, and the importance of GPA and taking school seriously early in high school. Ponitz sophomores spent a full day on campus for College Immersion Day. The

goal was to empower students with information on college options. Curriculum included associate's degree basics, certificate options, and costs, taught in short, interactive lessons. Written activities were provided in Spanish and English to support ELL students. The group played Jeopardy to review and have some fun and completed an individual SCC plan. The second recommendation from our focus group was to dazzle the students. Local students take SCC for granted and sometimes confuse cost and value. We pulled out all the stops to explain the wonderful opportunities at SCC. Gates and NSF support were explained with concrete examples. Content from admissions was used to explain Sinclair's status. Students left knowing that SCC is affordable in part because their parents and neighbors pay additional taxes. The piece the students found most dazzling was a brief visit to the African American Male Initiative Office. Staff and students greeted them and our visitors bloomed. The quote of the week – one young man said, "Now I plan to go to Sinclair. I don't really have a dad, and I think Mr. DeWitt can help me learn to be a man."

Exemplary Programs of Study

1. Piqua City Schools Engineering (F6) Pathway Program of Study (Edison)

This pathway begins at the junior high level with a 7th and 8th grade Engineering pathway offering then proceeds to the high school for 9th and 10th grade instruction in this career field. From there, the pathway continues to Upper Valley CC for 11th and 12th grade in the Pre-Engineering Technology. Students who complete the Upper Valley CC program have the opportunity to earn seven post-secondary bilateral credits and seven CTAG credits at Edison State Community College toward an associate degree in one of three AAS areas—Automation and Robotics, Electro-Mechanical Engineering and Electronics Transfer. Edison also offers several Certificate and Short-Term Technical Certificate options in the Engineering pathway.

**(F6) Engineering and Design*

2. Sinclair's Computer Aided Manufacturing/Basic Machining Skills Short-Term Certificate Program of Study (R7)

- 19% of SCC completers in this program for 16-17 were previous TP students
- Students have the opportunity to complete 67% (8 of 12 hours) of this STC during their HS Tech Prep program
- Manufacturing is an in-demand sector/Our region has the jobs
 - » Ohio in top 5 states nationwide for highest employment level for this occupation. (Bureau of Labor Statistics)
- Sinclair 4 Year degree approved in Advanced Manufacturing

**(R7) Manufacturing Operations*

3. Sinclair's Respiratory Care Associate of Applied Science (AA) Program of Study (JM, J7, J6)

- 18% of SCC completers in this program for 16-17 were previous TP students
- Students have the opportunity to complete 15% (4 courses) of this AA during their HS Tech Prep program
- Health Science is an in-demand sector/Our region has the jobs
- According to the program website (and cited from US Bureau of Labor Statistics)
 - » 23% expected job growth for Respiratory Therapists between 2016 and 2026—growing at faster than average rate when compared with all occupations
 - » \$58,328 is the annual mean wage for Respiratory Therapists in Dayton, Ohio

**(J7) Health Information Management; (J6) Exercise Science and Sports Medicine*

4. **Tri Star Career Compact Interactive Media (N1) Pathway Program of Study (Rhodes)**

- Students enrolled in the Interactive Media program at Celina High School may currently earn up to 9 post-secondary bilateral credits (3 courses) toward the 65 hours required for an associate degree in Digital Media Technology at Rhodes State College. In addition, Rhodes has recently submitted for approval for four CTAG courses which would provide an opportunity for an additional 12 credit hours.

**(N1) Interactive Media*

5. **Ohio Hi-Point Computer Numerical Control (CNC) Certificate Program of Study (Clark State) (R7):**

- Students enrolled in Ohio Hi-Point's Applied Manufacturing program will be able to earn up to 15 credits toward the 24 credits required for the Clark State CNC certificate.
- This certificate aligns directly to the AA degree in Manufacturing Engineering Technology and then to the Baccalaureate Degree in Manufacturing Technology Management.
- The career center instructor will be trained on the same equipment as that used in the Clark State program.
- Manufacturing, especially along the Rt.33 corridor, is a vibrant, growing industry in this area. Manufacturing in Clark County is listed as "hot job" on Ohio Means Jobs. Ohio is in the top 5 states nationwide for highest employment level for this occupation. (Bureau of Labor Statistics)

**(R7) Manufacturing Operations*

6. **Springfield Clark Career Technical Center CyberSecurity/Information Assurance Technology Program of Study (Clark State) (N2)**

- In the CyberSecurity pathway, students enrolled in Springfield Clark Career Technical Center's Networking program have an opportunity to earn up to 33 credits toward the AA degree (61 credits) in CyberSecurity/Information Assurance Technology. The students also have the opportunity to earn up to 15 credits needed for the CyberSecurity Technical Certificate (21 credits).
- With the new ODE opportunity for CyberSecurity, this pathway will become an excellent example of secondary/post-secondary collaboration.
- Several of these courses will also become CCP and also align with CTAG's
- Ohio Means Jobs lists CyberSecurity/Information Assurance as an "in demand job" with starting salary of \$37,000-55,000 for those with an AA degree.

**(N2) Network Systems*