OhioCollegeTechPrep
Ready for College. Ready for Life.

2014
Annual Report Summary

The **mission of the Ohio College Tech Prep Regional Centers** is to support the coordination of state-approved Tech Prep/Programs of Study by serving as the liaison between high schools and colleges in creating opportunities for students to earn college credits while in high school.

Overview

Launched in Ohio in 1991, College Tech Prep represents a seamless high school-to-college pathway that blends high-level academics with hands-on career-technical education. The Tech Prep model is coordinated through six Regional Centers that serve as the liaison between secondary and postsecondary partners within 91 career-technical education planning districts (CTPDs), 23 community colleges and 14 universities.

Impacting 100 percent of all career-technical education students annually – 22 percent of all high schools students – the services provided through the Regional Centers focus on two goals:
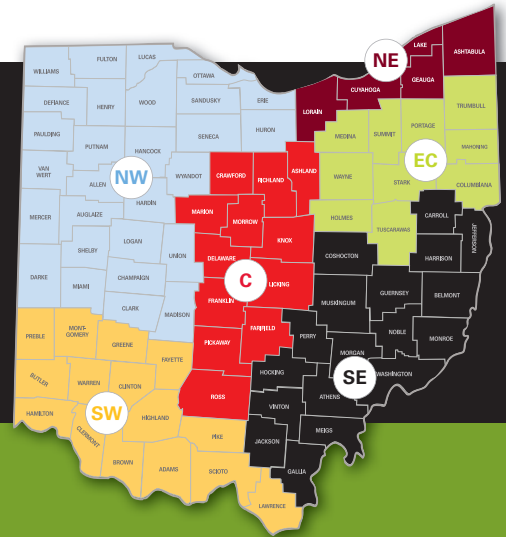
1. Development of high school-to-college pathways (Programs of Study).
2. Alignment of curricula and the creation of college credit opportunities for students to earn in high school.

Programs of Study & Bilateral Articulation Agreements

In FY14, the Regional Centers helped their secondary partners complete over 900 career-technical education program approval applications in three designated career fields, as well as in several non-mandatory, career fields. The following chart reflects that work.

	Engineering	Manufacturing	Information Technology	Other Career Fields (not required)*	FY14 Total
CTE26's/POS's Completed	295	165	283	182	925
Articulation Agreements (AA) Created	323	213	523	350	1,409
Average Number of Credits Available on AA	6.1	6.2	8.4	7.1	*Avg:* **7**

* Other career fields include: Agricultural & Environmental Science; Arts & Communications; Business Administration; Career-Based Intervention; Construction Technologies; Education & Training; Finance; GRADS; Health Science; Hospitality & Tourism; Human Services; Law & Public Safety; Marketing; Transportation Systems

Funding

The six Regional Centers are supported by $2.8 million in state funds. Allocations are awarded using a formula based on the number of CTPDs, colleges and career pathways in each region. A separate state line-item, Tech Prep Support, provides state funds of roughly $260,000 that are used for state-level grant administration (38%) with the remainder divided evenly among all six Regional Centers – approximately $36,000 each region.

Legislation

200545 - $2,838,281 to fund competitive grants to Tech Prep consortia that expand the number of students enrolled in Tech Prep programs and to directly support expanded Tech Prep programs for students enrolled in school districts, including joint vocational districts, and affiliated higher education institutions.

200425 - $260,542 to support state-level activities designed to support, promote, and expand Tech Prep programs. Use of these funds shall include, but not be limited to, administration of grants, program evaluation, professional development, curriculum development, assessment development, program promotion, communications, and statewide coordination of Tech Prep consortia.

Increasing Awareness of College Credit Opportunities

The Regional Centers held over 50 workshops to educate secondary and postsecondary faculty, counselors and administrators on the college credit opportunities their students can earn while in high school. Regional Center staff also participated in a number of community events to promote career-technical education programs to students and parents. Overall, these activities brought together more than 7,700 representatives from Career-Technical Planning Districts, colleges, business and industry as well as students and their families.

Partnership Highlights

All six Tech Prep Regional Centers are crucial in facilitating partnerships between secondary and postsecondary institutions. The following examples highlight partnerships that provide career-technical education students with college credit opportunities in high school.

The **Central Ohio College Tech Prep Regional Center** facilitated several new articulation agreements between secondary schools and The Ohio State University – Agricultural Technical Institute to provide career-technical education students with opportunities to earn college credit in agricultural programs in high school.

As a result of collaboration coordinated through the **East Central Ohio College Tech Prep Regional Center**, students can earn as many as 14 semester hours of college credit while in high school through the Project Lead the Way pre-engineering program in Tuscarawas County. The Gateway to Technology program is also offered in several area middle schools.

Lorain County High School students can earn a high school diploma and associate degree at the same time through a partnership with Lorain County Community College called "Titan College." Students have the opportunity to earn tuition-free college credit through dual enrollment and statewide and bilateral articulation agreements, facilitated by the **Northeast Ohio College Tech Prep Regional Center**.

In partnership with High Schools That Work, the **Northwest Ohio College Tech Prep Regional Center** offered three workshops to secondary and postsecondary partners on: Engaging Students, Utilizing Data for Student Success and Performance-based Assessments. Another joint effort included a year-long Literacy Research Project focused on improving college readiness in reading and writing for students in area high schools.

Students at Mid-East Career and Technology Center can complete an Associate of Technical Studies degree at Zane State College while enrolled in the high school engineering program – a partnership assisted by the **Southeast Ohio College Tech Prep Regional Center**.

The **Southwest Ohio College Tech Prep Regional Center** partnered with the Ohio Board of Regents' statewide articulation agreement initiative and provided numerous workshops to high school and college faculty and administrators, as well as developed a model Program of Study that illustrates the pathway from high school career-technical education programs to associate and bachelor's degrees.

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Satisfaction

In FY 2014, the Ohio Department of Education and Ohio Board of Regents, in collaboration with the six Regional Centers, created and distributed the third annual Customer Service Satisfaction Survey in an effort to continue to provide high-level services to Ohio's Career-Technical Planning Districts, public colleges and universities. The survey was sent to 885 secondary and postsecondary administrators, faculty and staff, of whom 313 replied for a 35.4% response rate.

Consistent with previous years, the majority – 78.9% - reported being very satisfied or satisfied with the services provided through the Ohio College Tech Prep Regional Centers and viewed the support as imperative to complete the work required by the state. Respondents rated articulation agreement support and Program of Study/career-technical program approval support as the most important reasons for contacting the Regional Centers.

There was a continued increase in the accessibility of the Regional Centers in FY 2014 at 71.9%; an 11.9% increase since FY 2012. General comments suggest satisfaction could be improved by continued collaboration and communication efforts between secondary and postsecondary institutions, including additional professional development opportunities.

Regional Contacts

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Central Regional Center

The Central Ohio College Tech Prep Regional Center provides services to all secondary career-technical planning districts and public community colleges and universities in the region.

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FY 2014 Performance Review

Major services provided by the Central Ohio College Tech Prep Regional Center included providing leadership and support to all secondary and postsecondary stakeholders in the creation of articulation agreements and Programs of Study. Additional services included collecting and reporting data, promoting and assisting in Career-Technical Assurance Guides (CTAG) applications, providing professional development and communication to stakeholders, serving as a liaison between secondary and postsecondary faculty, providing guidance for students matriculating to college and collaborating with area business and industry representatives.

Programs of Study & Bilateral Articulation Agreements

The Regional Center's focus was to assist secondary and postsecondary institutions with the new secondary career-technical education program approval process and align course offerings. The following chart represents the program approval CTE-26/Program of Study applications and articulation agreements completed in FY14:

	Engineering & Science Technologies	Manufacturing	Information Technology	FY14 Total
CTE26's/POS's Completed	82	24	64	171
Articulation Agreements (AA) Created	34	40	82	156
Average Number of Credits Available on AA	6	9	9	*Average: 8*

The Regional Center also assisted its partners beyond the mandated career fields. The following chart represents the work completed beyond the FY14 scope of work:

Partnership Highlights

The Regional Center serves as a liaison between secondary and postsecondary partners in creating college credit opportunities for career-technical students to earn while in high school. The following examples are highlights of partnerships that exist within the region.

Columbus State Community College is the only college within the Central Region that has a degree program for Welding. The College partnered with 14 secondary schools to provide students college credit opportunities while in high school.

A new IT program for **Electronic Classroom of Tomorrow (ECOT)** was established in FY14. A local Career-Technical Planning District (CTPD) partnered with ECOT to deliver the Networking program via online and hands-on.

The Regional Center partnered with **South-Western City Schools Reality Day** and provided 1,060 students with career awareness information.

The Regional Center and OSU ATI collaborated to create new articulation agreements between secondary animal science programs across the state.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available on AA*
Agricultural & Environmental Science	2	9	3
Arts & Communications	1	11	9
Business Administration	8	15	6
Construction Technologies	5	29	11
Education & Training	1	21	6
Finance	1	7	11
Health Sciences	24	46	7.5
Hospitality & Tourism		17	6
Human Services		6	6
Law & Public Safety		17	6
Marketing	6	22	6
Transportation Systems		19	11
FY14 Total	**48**	**196**	**Average: 7.3**
Does not include CTAG or Dual Enrollment opportunities			

Professional Development

Another focus of services for the Regional Center included educating secondary and postsecondary faculty, counselors and administrators on the college credit opportunities available to their students to earn while in high school. Professional development workshops included transitioning from career-technical programs to courses, Career-Technical Assurance Guide (CTAG) training and the submission process, and other workshops requested by stakeholders or necessary within the region to provide articulation information to students, parents, teachers and administrators.

The following chart reflects events and professional development opportunities provided by the Regional Center in FY14:

Event	Attendees	CTPDs	Outside Partners*	Postsecondary Partners
CTAG Workshop 9/18	8	5	0	0
Programs to Courses Roll Out 10/4	31	6	0	0
Programs to Courses Roll Out 10/11	19	4	0	2
Information Technology 11/1	22	6	1	2
Information Technology 11/8	30	8	1	2
Engineering / Manufacturing 11/15	25	5	0	2
Engineering / Manufacturing 11/22	31	4	6	3
CTAG / POS Workshop 1/17	11	3	4	2
CTAG / POS Workshop 1/31	17	4	0	2
CTAG / POS Workshop 2/7	20	8	0	1
CTAG Workshop 2/25	21	3	6	0
WebXam Workshop 5/23	21	6	0	0
WebXam Workshop 6/10	9	4	0	0
Totals	**265**	**66**	**18**	**16**
Outside Partners include Charter, private, parochial, etc.				

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FY14 Tech Prep Support Grant Activities

Additional funds were disseminated to the six Ohio College Tech Prep Regional Centers to support secondary career-technical students' successful transition to postsecondary education. In the Central Region, funding was distributed to four primary college partners. Each college partnered with their local Career-Technical Planning District and provided the following opportunities for students:

Columbus State Community College – The College developed a promotional poster for career-technical education opportunities on campus and placed one in every secondary career-technical education classroom within their service area.

Central Ohio Technical College – Over 270 prospective students visited the College to tour the areas of Health, Information Technology and Engineering.

North Central State College – The College connected with over 600 students through campus visits and guest lectures.

Marion Technical College – Online enrollment services are currently being piloted at the College to create a more user-friendly, interactive process to ease students' transition from high school to college.

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East Central Regional Center

The East Central Ohio College Tech Prep Regional Center provides services to all secondary career-technical planning districts and public community colleges and universities in the region. The region encompasses the Akron area, Kent State University and its regional campus system, Mahoning and Stark Counties.

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FY 2014 Performance Review

Major services provided by the East Central College Tech Prep Regional Center included providing leadership and support to all secondary and postsecondary stakeholders in the creation of articulation agreements and Programs of Study. Additional services included collecting and reporting data, promoting and assisting in Career-Technical Assurance Guides (CTAG) applications, providing professional development and communication to stakeholders, serving as a liaison between secondary and postsecondary faculty, providing guidance for students matriculating to college and collaborating with area business and industry representatives.

Programs of Study & Bilateral Articulation Agreements

The Regional Center's focus was to assist secondary and postsecondary institutions with the new secondary career-technical education program approval process and align course offerings. The following chart represents the program approval CTE-26/Program of Study applications and articulation agreements completed in FY14:

	Engineering & Science Technologies	Manufacturing	Information Technology	FY14 Total
CTE26's/POS's Completed	31	32	38	101
Articulation Agreements (AA) Created	84	49	205	338
Average Number of Credits Available on AA	7	5	12	*Average: 8*

Partnership Highlights

The Regional Center serves as a liaison between secondary and postsecondary partners in creating college credit opportunities for career-technical students to earn while in high school. The following examples are highlights of partnerships that exist within the region.

Project Lead the Way, Tuscarawas County - Students can earn as many as 14 semester hours of college credit while in high school through the Project Lead the Way pre-engineering program in Tuscarawas County. The Gateway to Technology program is also offered in several area middle schools. In 2009, Allied Machining sought assistance from area schools and colleges to increase the number of skilled manufacturing workers in the pipeline for their company. Since then, several secondary schools, four universities and various local businesses have joined the effort that now offers students a Cyber Club, competitions and other shared activities to increase student interest and preparation in engineering and manufacturing careers.

The Regional Center also assisted its partners beyond the mandated career fields. The following chart represents the work completed beyond the FY14 scope of work:

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available on AA*
Agricultural & Environmental Systems	2	4	6
Arts & Communications	2	10	18
Business Administration	2	1	7
Health Science	1	1	3
Construction Technologies	2	0	6
Transportation Systems	1	0	9
FY14 Total	**10**	**16**	**Average: 8**
Includes CTAG, bilateral articulation and dual enrollment opportunities			

Professional Development

Another focus of services for the Regional Center included educating secondary and postsecondary faculty, counselors and administrators on the college credit opportunities available to their students to earn while in high school. Professional development workshops included transitioning from career-technical programs to courses, Career-Technical Assurance Guide (CTAG) training and the submission process, and other workshops requested by stakeholders or necessary within the region to provide articulation information to students, parents, teachers and administrators.

The following chart reflects events and professional development opportunities provided by the Regional Center in FY14:

Event	Attendees	CTPDs	Outside Partners*	Postsecondary Partners
Conversion to Courses - Administrators	33	13	1	4
Transition to Courses - Teachers	116	17	3	4
CTAG Workshop	41	12	3	2
Social Media Workshop	36	9	5	3
Transition Program Visits	280	6	0	4

Transition Program Visits were conducted throughout the school year and provided articulation information to students, parents, teachers, and administrators.

*Outside Partners include Charter, private, parochial, etc.

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Partnership Highlights

The Athletic Health Care program, Theodore Roosevelt High School - Through the Athletic Health Care program at Theodore Roosevelt High School in Kent, students have the opportunity to earn college credit while in high school at all four area higher education partners within the region – The University of Akron, Kent State University, Youngstown State University and Stark State College. As a member of the Six District Educational Compact, the Theodore Roosevelt Athletic Health Care program is available to all eligible high school students (more than 25,000) in six school districts. Higher education and business partners play a significant role by assisting with marketing the program, participating in the student selection process, developing on-site lessons, providing access to state-of-the-art equipment and coordinating internship opportunities.

FY14 Tech Prep Support Grant Activities

Additional funds were disseminated to the six Ohio College Tech Prep Regional Centers to support secondary career-technical students' successful transition to postsecondary education. In the East Central Region, the Regional Center utilized funds to ensure that business and industry needs were reflected in the transition activities within the region. They reached out to key local businesses in two JobsOhio targeted industries – Automated Manufacturing and Information Technology – and discussed potential partnerships, curriculum changes, workforce needs and assistance in developing educational materials for middle school parents, students and teachers. Feedback from the sessions will drive the development of educational materials in FY 2015.

Northeast Regional Center

The Northeast Ohio College Tech Prep Regional Center provides services to all secondary career-technical planning districts and public community colleges and universities in the region. The Center provides program guidance and oversight to three geographic partner locations – serving Lake, Lorain and Cuyahoga counties – that operate semi-independently to best serve the needs of their service areas.

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FY 2014 Performance Review

Major services provided by the Northeast Ohio College Tech Prep Regional Center included providing leadership and support to all secondary and postsecondary stakeholders in the creation of articulation agreements and Programs of Study. Additional services included collecting and reporting data, promoting and assisting in Career-Technical Assurance Guides (CTAG) applications, providing professional development and communication to stakeholders, serving as a liaison between secondary and postsecondary faculty, providing guidance for students matriculating to college and collaborating with area business and industry representatives.

Programs of Study & Bilateral Articulation Agreements

The Regional Center's focus was to assist secondary and postsecondary institutions with the new secondary career-technical education program approval process and align course offerings. The following chart represents the program approval CTE-26/Program of Study applications and articulation agreements completed in FY14:

	Engineering & Science Technologies	Manufacturing	Information Technology	FY14 Total
CTE26's/POS's Completed	44	19	43	106
Articulation Agreements (AA) Created or Renewed/ Under Revision	63	21	45	129
Average Number of Credits Available on AA	7.6	6.3	7.8	*Average: 7.2*

Partnership Highlights

The Regional Center serves as a liaison between secondary and postsecondary partners in creating college credit opportunities for career-technical students to earn while in high school. The following examples are highlights of partnerships that exist within the region.

Computer Networking Academy at Cuyahoga Valley Career Center - Students in the Computer Networking Academy at Cuyahoga Valley Career Center can earn up to 29 CTAG and bilateral credits, leaving only nine courses to complete for an associate degree at Cuyahoga Community College upon high school graduation.

Titan College – Lorain County Community College - A partnership between Lorain High School and Lorain County Community College, Titan College offers students in as early as the ninth grade an opportunity to earn a diploma and associate degree at the same time.

CADD Engineering Technology – Lakeland Community College - Students enrolled in the CADD Engineering Technology program at Lakeland Community College can earn up to 13 hours of college credit.

The Regional Center also assisted its partners beyond the mandated career fields. The following chart represents the work completed beyond the FY14 scope of work:

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available on AA*
Agricultural & Environmental Systems	2	2	5
Construction Technologies	1	3	23
Health Science	6	8	11.3
Human Services	1	1	3
Marketing	1	3	17
Transportation Systems	1	1	30 (ATS)
FY14 Total	12	18	Average: 14.9
*Includes CTAG, bilateral articulation and dual enrollment opportunities			

Professional Development

Another focus of services for the Regional Center included educating secondary and postsecondary faculty, counselors and administrators on the college credit opportunities available to their students to earn while in high school. Professional development workshops included transitioning from career-technical programs to courses, Career-Technical Assurance Guide (CTAG) training and the submission process, and other workshops requested by stakeholders or necessary within the region to provide articulation information to students, parents, teachers and administrators.

The following chart reflects events and professional development opportunities provided by the Regional Center in FY14:

Event	Attendees	CTPDs	Outside Partners*	Postsecondary Partners
Conversion to Courses Rollout Session	29	10	0	0
Hands-on Transition to Courses Information Technology Workshop	28	10	0	0
Hands-on Transition to Courses Engineering and Manufacturing Workshop	29	9	0	0
CT² Workshop	20	8	0	0
*Outside Partners include Charter, private, parochial, etc.				

Partnership Highlights

Computer Information Systems – Lakeland Community College - Students enrolled in the Computer Information Systems program can earn up to 10 college credits and participate annually in IBM's Master the Mainframe contest and Ohio SkillsUSA.

FY14 Tech Prep Support Grant Activities

Additional funds were disseminated to the six Ohio College Tech Prep Regional Centers to support secondary career-technical education students' successful transition to postsecondary education. In the Northeast Region, the Regional Center distributed funds equally among the three college partners:

Lorain County Community College funded two activities within two JobsOhio targeted industries – BioHealth and Information Technology. The STEMM Symposium attracted 315 participants, 150 postsecondary representatives and 20 business/industry leaders. The IT Level Up Conference hosted 98 secondary, postsecondary and business partners.

Lakeland Community College hosted an Engineering and Manufacturing open house, attracting 120 students, in partnership with the College's Recruiting Center, Manufacturing and Engineering Department and the 2014 Northeast Ohio Robots Competition sponsored by the Alliance for Working Together.

Cuyahoga Community College hosted two events focused on Automotive Technology - an open house, attracting 30 prospective students and a "Cruise-in and Day of Speed" featuring drivers from the world of racing.

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Northwest Regional Center

The Northwest Ohio College Tech Prep Regional Center provides services to all secondary career-technical planning districts and public community colleges and universities in the region. A central office is located at The University of Toledo and five staffed satellite offices are located at Clark State Community College, Edison Community College Northwest State Community College, Owens Community College, Rhodes State College and Terra Community College.

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FY 2014 Performance Review

Major services provided by the Northwest Ohio College Tech Prep Regional Center included providing leadership and support to all secondary and postsecondary stakeholders in the creation of articulation agreements and Programs of Study. Additional services included collecting and reporting data, promoting and assisting in Career-Technical Assurance Guides (CTAG) applications, providing professional development and communication to stakeholders, serving as a liaison between secondary and postsecondary faculty, providing guidance for students matriculating to college and collaborating with area business and industry representatives.

Programs of Study & Bilateral Articulation Agreements

The Regional Center's focus was to assist secondary and postsecondary institutions with the new secondary career-technical education program approval process and align course offerings. The following chart represents the program approval CTE-26/Program of Study applications and articulation agreements completed in FY14:

	Engineering & Science Technologies	Manufacturing	Information Technology	FY14 Total
CTE26's/POS's Completed	40	50	46	136
Articulation Agreements (AA) Created	57	44	55	156
Average Number of Credits Available on AA	7.2	7.5	9.7	*Average: 8.2*

The Regional Center also assisted its partners beyond the mandated career fields. The following chart represents the work completed beyond the FY14 scope of work:

Partnership Highlights

The Regional Center serves as a liaison between secondary and postsecondary partners in creating college credit opportunities for career-technical students to earn while in high school. The following examples are highlights of partnerships that exist within the region.

Partnership with Northwest Ohio High Schools That Work - In partnership with High Schools That Work, the Regional Center offered three workshops to secondary and postsecondary partners on Engaging Students, Utilizing Data for Student Success and Performance-based Assessments.

Another joint effort included a year-long **Literacy Research Project** focused on improving college readiness in reading and writing for students at Northview, Southview and Whitmer High Schools. Teachers attended four workshops and received one-on-one mentoring from a literacy coach.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available on AA*
Career-Based Intervention	15	0	0
Agricultural & Environmental Systems	8	8	4.6
Arts & Communications	3	3	4.5
Construction Technologies	5	5	2.51
Health Science	9	9	3
Transportation Systems	2	2	10
Education & Training	1	1	3
Finance	1	1	3
Business Administration	2	2	5.5
GRADS	3	0	0
Hospitality & Tourism	1	1	8
FY14 Total	50/ WFD 32	32	Average: 4.9

Includes CTAG, bilateral articulation and dual enrollment opportunities

Professional Development

Another focus of services for the Regional Center included educating secondary and postsecondary faculty, counselors and administrators on the college credit opportunities available to their students to earn while in high school. Professional development workshops included transitioning from career-technical programs to courses, Career-Technical Assurance Guide (CTAG) training and the submission process, and other workshops requested by stakeholders or necessary within the region to provide articulation information to students, parents, teachers and administrators.

The following chart reflects events and professional development opportunities provided by the Regional Center in FY14:

Event	Attendees	CTPDs	Outside Partners*	Postsecondary Partners
Governing Board Meetings, bi-monthly	33	14	7	12
Programs to Courses Workshops	93	93	0	0
Strategic Planning Meetings	3	0	0	3
Literacy Project Meetings	185	185	0	0
Engaging Students in Learning Workshop	24	21	1	2
Programs to Courses Workshops	43	41	2	0
Race to the Top Math and English Grant	66	44	2	20
Region's Stakeholder Meetings	81	54	4	23
TPS Early College presentation	100		100	0
Four County CC student presentation	15	15	0	0
Bowling Green Merchants Foundation Board	0	0	40	0
Course of Study Workshops for Penta CC	30	26	0	4

Outside Partners include Charter, private, parochial, etc.

FY14 Tech Prep Support Grant Activities

Additional funds were disseminated to the six Ohio College Tech Prep Regional Centers to support secondary career-technical students' successful transition to postsecondary education. In the Northwest Region, the Regional Center provided mini-grants to its partner colleges.

The college partners were responsible for, 1) creating or updating a comprehensive admissions process for career-technical education students, 2) examining the mechanisms to ensure students receive the appropriate articulated or (CT)[2] credits, and 3) creating an internal and external communication document for distribution.

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Southeast Regional Center

The Southeast Ohio College Tech Prep Regional Center provides services to all secondary career-technical planning districts and public community colleges and universities in the region. The Center is located at Washington State Community College with five satellite offices at post-secondary institutions: Belmont College, Eastern Gateway Community College, Hocking College, Rio Grande Community College and Zane State College.

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FY 2014 Performance Review

Major services provided by the Southeast Ohio College Tech Prep Regional Center included providing leadership and support to all secondary and postsecondary stakeholders in the creation of articulation agreements and Programs of Study. Additional services included collecting and reporting data, promoting and assisting in Career-Technical Assurance Guides (CTAG) applications, providing professional development and communication to stakeholders, serving as a liaison between secondary and postsecondary faculty, providing guidance for students matriculating to college and collaborating with area business and industry representatives.

Programs of Study & Bilateral Articulation Agreements

The Regional Center's focus was to assist secondary and postsecondary institutions with the new secondary career-technical education program approval process and align course offerings. The following chart represents the program approval CTE-26/Program of Study applications and articulation agreements completed in FY14:

	Engineering & Science Technologies	Manufacturing	Information Technology	FY14 Total
CTE26's/POS's Completed	9	15	27	51
Articulation Agreements (AA) Created	23	34	71	128
Average Number of Credits Available on AA	3	3.55	2.95	*Average:* **3.17**

Partnership Highlights

The Regional Center serves as a liaison between secondary and postsecondary partners in creating college credit opportunities for career-technical students to earn while in high school. The following examples are highlights of partnerships that exist within the region.

Pathways to Engineering - Students at Mid-East Career and Technology Centers can complete an Associate of Technical Studies at Zane State College while enrolled in the secondary engineering program.

Washington County Family and Child First Council - Through this partnership, low-income students have access to county-wide student support networks and postsecondary scholarship opportunities.

The Regional Center also assisted its partners beyond the mandated career fields. The following chart represents the work completed beyond the FY14 scope of work:

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available on AA*
Agricultural & Environmental Systems	5	13	2.6
Business Administration	4	13	2.69
Hospitality & Tourism	2	4	1.5
Education & Training	2	6	3
Health Sciences	4	7	2.7
FY14 Total	17	43	Average: 2.5

Includes CTAG, bilateral articulation and dual enrollment opportunities

Professional Development

Another focus of services for the Regional Center included educating secondary and postsecondary faculty, counselors and administrators on the college credit opportunities available to their students to earn while in high school. Professional development workshops included transitioning from career-technical programs to courses, Career-Technical Assurance Guide (CTAG) training and the submission process, and other workshops requested by stakeholders or necessary within the region to provide articulation information to students, parents, teachers and administrators.

The following chart reflects events and professional development opportunities provided by the Regional Center in FY14:

Event	Attendees	CTPDs	Outside Partners*	Postsecondary Partners
Transition to Courses – Dec. 10	19	14	0	4
Transition to Courses – Jan. 14	21	11	0	3
Tech Prep & CTAGS – Feb. 18	11	7	0	2

Outside Partners include Charter, private, parochial, etc.

FY14 Tech Prep Support Grant Activities

Additional funds were disseminated to the six Ohio College Tech Prep Regional Centers to support secondary career-technical students' successful transition to postsecondary education. In the Southeast Region, the Regional Center used the funds to support five activities:

Incorporating Workforce Readiness Skills in Technical Curriculum: A program offered through Eastern Gateway Community College, designed to incorporate skills as offered by the Partnership for 21st Century Skills.

Public Safety & Criminal Justice Youth Academy: The Academy, offered at Washington State Community College, familiarized 16 prospective students with public safety, law enforcement and criminal justice practices and community through classroom, field and interactive activities.

Motorcycle Technician Training Program Curriculum Development: The Regional Center is supporting the development of curriculum for a new one-year certificate program for Motorcycle Technician at Washington State Community College in partnership with the Center for Public Safety Training and Auto/Diesel Department.

Career Awareness Events – Building Bridges to Careers: More than 50 students and 10 faculty participated in career awareness events at Washington State Community College, including career inventory assessments and awareness, job shadowing, mock interviews, soft skills training and facility tour at Vadakin Incorporated.

Vex Robotics Introduction and Competition: A total of 141 students, 37 team advisors and 10 college representatives participated in introductory robotics workshops at Zane State College. The Regional Center was also a sponsor for the Robotics Competition.

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Southwest Regional Center

The Southwest Ohio Tech Prep Regional Center serves 16 secondary career-technical planning districts and nine public community colleges and universities in a diverse 15-county area. The region is divided into three sub-regions; Ohio South (Portsmouth), Greater Cincinnati and Miami Valley (Dayton). This structure allows each to address local needs while still promoting regional goals.

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FY 2014 Performance Review

Major services provided by the Southwest Ohio College Tech Prep Regional Center included providing leadership and support to all secondary and postsecondary stakeholders in the creation of articulation agreements and Programs of Study. Additional services included collecting and reporting data, promoting and assisting in Career-Technical Assurance Guides (CTAG) applications, providing professional development and communication to stakeholders, serving as a liaison between secondary and postsecondary faculty, providing guidance for students matriculating to college and collaborating with area business and industry representatives.

Programs of Study & Bilateral Articulation Agreements

The Regional Center's focus was to assist secondary and postsecondary institutions with the new secondary career-technical education program approval process and align course offerings. The following chart represents the program approval CTE-26/Program of Study applications and articulation agreements completed in FY14:

	Engineering & Science Technologies	Manufacturing	Information Technology	FY14 Total
CTE26's/POS's Completed	89	25	65	179
Articulation Agreements (AA) Created	62	25	65	152
Average Number of Credits Available on AA	6	6	9	*Average: 7*

The Regional Center also assisted its partners beyond the mandated career fields. The following chart represents the work completed beyond the FY14 scope of work:

Partnership Highlights

The Regional Center serves as a liaison between secondary and postsecondary partners in creating college credit opportunities for career-technical students to earn while in high school. The following examples are highlights of partnerships that exist within the region.

Health Pathway Leadership - The Regional Center established a health pathways advisory group that includes Butler Tech, CPS, Collins Career, Miami Valley CTC, UC, Cincinnati State and Sinclair partners. The group committed to building a seamless health pathway and expand enrollment.

CTAG Alliance - The Regional Center worked in partnership with the Ohio Board of Regents Regional Validation Coordinator on the statewide articulation agreement initiative, providing numerous workshops to faculty and administrators and creating a model Program of Study illustrating the pathway from career-technical programs to associate and bachelor's degrees.

Student Transition Task Force - Greater Cincinnati area secondary and postsecondary partners have established a task force to implement a standardized system to expose and transition students to opportunities afforded by their Tech Prep pathway. A credit validation form was piloted this year in select programs.

Career Field	CTE26's/POS's Completed	Articulation Agreements (AA) Created	Average Number of Credits Available on AA*
Health Science	11	11	11
Agricultural & Environmental Systems	20	20	3
Business Administration	8	8	3
Education & Training	1	1	3
Construction Technologies	1	1	6
Arts & Communications	2	2	6
Human Services	1	1	3
Law & Public Safety	1	1	3
FY14 Total	**45**	**45**	**Average: 5**

Includes CTAG, bilateral articulation and dual enrollment opportunities

Professional Development

Another focus of services for the Regional Center included educating secondary and postsecondary faculty, counselors and administrators on the college credit opportunities available to their students to earn while in high school. Professional development workshops included transitioning from career-technical programs to courses, Career-Technical Assurance Guide (CTAG) training and the submission process, and other workshops requested by stakeholders or necessary within the region to provide articulation information to students, parents, teachers and administrators.

The following chart reflects events and professional development opportunities provided by the Regional Center in FY14:

Event	Attendees	CTPDs	Outside Partners*	Postsecondary Partners
Cincinnati Partner Meetings	56	8	0	5
Engineering Gap Workshop	45	6	2	5
H2P Summit	10	4	0	3
CTAG Meetings & Consultations	100+	25	0	13
Engineering Summit 10-8	85	6	0	3
Get Ready for College Night	600	8	14	5
Kick Off for Administrators	40	8	3	1
Junior Orientations	3,800+ students	8	NA	1-2
Annual Summits for Teachers	300+	8	3-4 average	1-2
Tech Prep Showcase	900+ (inc. 600+ students)	8	0	1
Accuplacer testing	2,500 students	6	0	1-2
ALEKS Pilot	150 students	1	0	1
Health Professions Summer Camp	51	1	10 area employers	2
Supply Chain Workshop	19	3	0	4
COMPASS testing	1,200	3	0	1
Ohio South Partner Meeting	40	6	0	4

Outside Partners include Charter, private, parochial, etc.

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Partnership Highlights

ALEKS Pilot Program - In collaboration with Shawnee State University, approximately 150 Collins Career Center Tech students participated in an online ALEKS math remediation software program designed to strengthen math skills in their senior year.

FY14 Tech Prep Support Grant Activities

Additional funds were disseminated to the six Ohio College Tech Prep Regional Centers to support secondary career-technical students' successful transition to postsecondary education. In the Southwest Region, the Regional Center utilized funds to support the following activities:

Health Professions Summer Camp - Collins Career Center and adult education program, along with Shawnee State University, sponsored a summer health professions camp for 51 students for health pathway exploration and the opportunity to earn CPR and First Aid professional certifications.

Miami Valley Credit Options and Onsite Transition - The Miami Valley Tech Prep Consortium at Sinclair provided dozens of college credit course options and on-site college transition events to nearly 8,000 juniors and seniors and awarded more than 13,000 semester credit hours and over 3,000 scholarships.

College Transition Tools - Based on the OhioMeansJobs K12 guided tours, a college transition toolkit was developed to provide short classroom units to prepare students for the transition from high school to college.

College Visits - Nearly 80 students from Southern Hills Career Center visited University of Cincinnati - Clermont to discover pathway requirements and opportunities.