

Mission

To support, promote and expand student access to quality career-technical education pathways by connecting secondary and postsecondary partners and leading the development of state-approved Programs of Study.

Tech Prep in Ohio

Ohio launched the “Ohio College Tech Prep” program in 1991. Jointly administered by the Ohio Department of Education and the Ohio Department of Higher Education. Tech Prep represents a seamless high school-to-college pathway that blends high-level academics with hands-on career-technical education.

For the past 25 years, Ohio has invested significantly in this concept and diligently worked to brand Tech Prep in Ohio on a national level. Although federal funding was eliminated in FY11, the state remained committed to quality programming. In FY13, the state made another substantial commitment to Tech Prep – by requiring all non-Tech Prep career-technical education programs to transition to the high-quality Tech Prep program standards. As a result, all career-technical education programs are synonymous with Tech Prep programs in Ohio.

Today, 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 school students – the services provided through the Regional Centers focus on five goals:

1. Connect secondary (7-12), college, adult and apprenticeship programs in meaningful Programs of Study/career pathways.
2. Provide secondary students and adult learners with opportunities to earn college credit through College Credit Plus, statewide articulation or bilateral articulation agreements.
3. Ensure students are aware and take advantage of postsecondary credit options.
4. Assist school districts, Ohio Technical Centers and colleges in their efforts to adhere to statewide Career-Technical Credit Transfer (CT)² requirements and bilateral agreement expectations.
5. Develop exemplary Programs of Study and process program approval and program renewal applications.



Vision

To provide high-level support services to Ohio’s 91 career-technical education planning districts, 23 community colleges and 14 universities, impacting all career-technical education students in the state.

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.

Programs of Study & Bilateral Articulation Agreements

In FY15, the Regional Centers helped their secondary partners complete over 850 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.

Career Field	CTE-26/POSS Completed	Local Articulation Agreements (AA) Created or Renewed	Average Number of Credits Available on AA
Business Administration	175	211	10
Construction Technologies	220	210	7.5
Finance	29	71	5.5
Law and Public Safety	80	71	13
Other Career Fields (not required)*	348	583	7.3
FY15 Total	852	1146	8.6

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

Partnership Highlights

There are many great partnerships among school districts, universities, colleges, adult career centers and businesses throughout the state. The following are exemplars created or strengthened in FY 2015, highlighting opportunities for students to access college credit while in high school.

The **Central Ohio College Tech Prep Regional Center** facilitated a partnership with Pioneer Career and Technology Center and North Central State College. High school students successfully completing the "College-NOW" business program receive associate degrees with their high school diplomas upon graduation from the program.

As a result of collaboration coordinated through the **East Central Ohio College Tech Prep Regional Center**, the Advancement to Nursing program at Barberton High School is an innovative partnership between Summa Barberton Hospital, Barberton City Schools, Four Cities Educational Compact and The University of Akron's School of Nursing. Students have the opportunity to earn credits (up to 30) toward their nursing degrees at The University of Akron.

Students at Mayfield Excel Technical Education Career Consortium Construction Trades participate in hands-on learning by erecting actual housing structures, which are showcased at an event attended by hundreds of community/industry leaders. Students can earn credit at Lakeland Community College or Cuyahoga Community College through agreements assisted by the **Northeast Ohio College Tech Prep Regional Center**.

Springfield High School's STEM Academy has partnered with Clark State Community College to offer an "Introduction to Cyber Security" course to any junior or senior high school student. In this entry-level class, students explore a broad set of cyber security topics. Coordinated by the **Northwest Ohio College Tech Prep Regional Center**, the course counts as transfer credit if students continue at Clark State.

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**.

In collaboration with the **Southwest Ohio College Tech Prep Regional Center**, Miami University and Cincinnati State have created a pathway extending from high school career-tech programs to an associate degree in mechanical engineering technology at Cincinnati State and a bachelor's degree from Miami. Beginning fall 2015, students will be able to take Miami classes on the Cincinnati State campus and through distance learning.

Increasing Awareness of College Credit Opportunities

The Regional Centers held 268 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 18,000 representatives from schools, colleges, business and industry as well as students and their families.

Regional Contacts

Central Tech Prep Regional Center

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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. The central office is located at North Central State College and three satellite offices are at Central Ohio Technical College, Columbus State Community College and Marion Technical College

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FY 2015 Performance Review

Major services provided by the Central Ohio College Tech Prep Regional Center to all school districts, universities, colleges and adult career centers in the region include:

- Connecting secondary (7-12), college, adult and apprenticeship programs in meaningful Programs of Study/career pathways.
- Providing secondary students and adult learners with opportunities to earn college credit through College Credit Plus, statewide articulation or bilateral articulation agreements.
- Ensuring students are aware and take advantage of postsecondary credit options.
- Assisting school districts, Ohio Technical Centers and colleges in their efforts to adhere to statewide Career-Technical Credit Transfer (CT)² requirements and bilateral agreement expectations.

Programs of Study and Local Articulation Agreements

In FY15, the Regional Center assisted secondary and postsecondary partners to complete their program approval applications known as the CTE-26/Program of Study application. The below chart represents the work completed in the career fields mandated by the Ohio Department of Education.

Career Field	CTE-26/POSSs Completed	Local Articulation Agreements (AA) Created or Renewed	Average Number of Credits Available on AA
Business Administration	34	29	15
Construction Technologies	31	27	6
Finance	8	11	5
Law and Public Safety	19	18	10
FY15 Total	92	87	9

Partnership Highlights

In the Central Region, there are many great partnerships among school districts, universities, colleges, adult career centers and businesses. The following are exemplars highlighting opportunities for students to access college credit while in high school.

Construction Technologies at Columbus State Community College - Columbus State Community College is the only college within the Central Region that has a degree program for construction. The college created postsecondary pathway opportunities with 23 secondary programs within the region this year alone.

Business Administration at Pioneer Career and Technology Center - High school students successfully completing the Pioneer Career and Technology Center and North Central State College's College-NOW business program receive associates degrees with their high school diplomas upon graduation from the program.

The Regional Center also assisted its partners beyond the scheduled scope of work in FY15:

Career Field	CTE-26/POSS Completed	Articulation Agreements Created or Renewed	Average Number of Credits Available*
Agricultural and Environmental Systems	8	19	4
Arts and Communication	3	17	10
Education and Training	2	22	7
Engineering and Science Technologies	16	18	12
Health Science	25	54	10
Hospitality and Tourism	2	18	7
Human Services	1	15	10
Information Technology	15	63	11
Manufacturing	15	27	10
Marketing	1	22	6
Transportation Systems	7	16	3
FY15 Total	95	291	8**

*College Credit Plus, CTAG and Bilateral Articulation Agreements

**Does not include CTAG or College Credit Plus opportunities

Increasing Awareness of College Credit Opportunities

Another important service provided by the Ohio College Tech Prep Regional Centers in FY15 was educating secondary and postsecondary faculty, counselors and administrators about college credit opportunities available to their students to earn while in high school. The Central Regional Center provided 25 professional development workshops focused on quality programming, transitioning from career-technical programs to courses, Career-Technical Assurance Guides and local articulation agreements, and other workshops requested or necessary within the region. Overall, these workshops brought together more than 3,100 representatives from school districts, colleges, adult career centers, business and industry, as well as students and their families.

FY15 Tech Prep Support Grant Activities

The Ohio College Tech Prep Regional Centers received additional funds to facilitate workshops aimed at fostering a collective understanding between secondary and postsecondary faculty and administrators regarding career pathways and college credit options for their students.

In the Central Region, the workshop offered roundtable discussions, effective instructional practices, business panels and breakout sessions specific to the engineering, manufacturing and information technology career fields.



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, and Mahoning and Stark Counties.

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FY 2015 Performance Review

Major services provided by the East Central Ohio College Tech Prep Regional Center to all school districts, universities, colleges and adult career centers in the region include:

- Connecting secondary (7-12), college, adult and apprenticeship programs in meaningful Programs of Study/career pathways.
- Providing secondary students and adult learners with opportunities to earn college credit through College Credit Plus, statewide articulation or bilateral articulation agreements.
- Ensuring students are aware and take advantage of postsecondary credit options.
- Assisting school districts, Ohio Technical Centers and colleges in their efforts to adhere to statewide Career-Technical Credit Transfer (CT)² requirements and bilateral agreement expectations.

Programs of Study and Local Articulation Agreements

In FY15, the Regional Center assisted secondary and postsecondary partners complete their program approval applications known as the CTE-26/Program of Study application. The following chart represents the work completed in the career fields mandated by the Ohio Department of Education:

Career Field	CTE-26/POSS Completed	Articulation Agreements (AA) Created or Renewed	Average Number of Credits Available on AA
Business Administration	32	90	7
Construction Technologies	45	76	6
Finance	8	50	3
Law & Public Safety	16	19	6
FY15 Total	101	235	5.5

Partnership Highlights

In the East Central Region, there are many great partnerships among school districts, universities, colleges, adult career centers and businesses. The following are exemplars highlighting opportunities for students to access college credit while in high school.

Interactive Multimedia at Trumbull County Career and Technical Center - Students in the interactive multimedia program at Trumbull County Career and Technical Center prepare for a variety of careers in design and production. The program provides students with hands-on skills and knowledge that gives them a distinct postsecondary advantage while also making them employable upon program completion. Students use multimedia technology to develop products and programs for local business, training, entertainment, communications and marketing.

To keep the program relevant and up-to-date, the center has an active advisory council that includes representatives from Youngstown State University, Kent State University and local television stations.

The Regional Center also assisted its partners beyond the scheduled scope of work in FY15:

Career Field	CTE-26/POSS Completed	Articulation Agreements (AA) Created or Renewed	Average Number of Credits Available*
Agricultural and Environmental Systems	1	1	2
Arts & Communication	4	4	20
Education and Training	1	1	3
Engineering and Science Technologies	6	6	5
Health Science	3	3	3
Hospitality and Tourism	1	1	3
Information Technology	1	1	12
Manufacturing	4	4	8
Transportation Systems	1	1	9
FY15 Total	22	22	7

*College Credit Plus, CTAG and Bilateral Articulation Agreements

Increasing Awareness of College Credit Opportunities

Another important service provided by the Ohio College Tech Prep Regional Centers in FY15 was educating secondary and postsecondary faculty, counselors and administrators about college credit opportunities available to their students to earn while in high school. The East Central Regional Center provided 10 professional development workshops focused on quality programming, transitioning from career-technical programs to courses, Career-Technical Assurance Guides and local articulation agreements, and other workshops requested or necessary within the region. Overall, these workshops brought together more than 400 representatives from school districts, colleges, adult career centers, business and industry, as well as students and their families.

This year, the center's Interactive Multimedia students had several state winners that led to a national championship team in Virtual Multimedia Promotion.

Advancement to Nursing at The University of Akron - The Advancement to Nursing program at Barberton High School is an innovative partnership between Summa Barberton Hospital, Barberton City Schools, Four Cities Educational Compact and The University of Akron's School of Nursing. Through this program, high school, college and hospital instructors work together with junior and senior high school students to create an extremely meaningful educational experience.

Throughout the junior year, students gain an in-depth overview of the nursing field and earn certificates in First Aid/CPR and potentially the State Tested Nursing Assistant.

In the senior year, students have clinical hours at Summa Barberton Hospital during the school day and also work with a resident at Pleasant View Nursing Home for their Senior Capstone Projects.

Through articulation agreements combined with College Credit Plus, students have the opportunity to earn a significant amount of credits (up to 30) toward their first year in the bachelor of science in nursing program at The University of Akron. The university holds five seats annually for this program. Additionally, Summa Barberton Hospital provides scholarship and employment opportunities in the final year of the program for qualified students.



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 2015 Performance Review

Major services provided by the Northeast Ohio College Tech Prep Regional Center to all school districts, universities, colleges and adult career centers in the region include:

- Connecting secondary (7-12), college, adult and apprenticeship programs in meaningful Programs of Study/career pathways.
- Providing secondary students and adult learners with opportunities to earn college credit through College Credit Plus, statewide articulation or bilateral articulation agreements.
- Ensuring students are aware and take advantage of postsecondary credit options.
- Assisting school districts, Ohio Technical Centers and colleges in their efforts to adhere to statewide Career-Technical Credit Transfer (CT)² requirements and bilateral agreement expectations.

Programs of Study and Local Articulation Agreements

In FY15, the Regional Center assisted secondary and postsecondary partners complete their program approval applications known as the CTE-26/Program of Study application. The below chart represents the work completed in the career fields mandated by the Ohio Department of Education.

Career Field	CTE-26/POSS Completed	Local Articulation Agreements (AA) Created or Renewed	Average Number of Credits Available on AA
Business Administration	18	19	11.5
Construction Technologies	27	41	10.5
Finance	3	3	14
Law & Public Safety	13	19	5.4
FY15 Total	61	82	10.35

Partnership Highlights

In the Northeast Region, there are many great partnerships among school districts, universities, colleges, adult career centers and businesses. The following are exemplars highlighting opportunities for students to access college credit while in high school.

Cosmetology at Polaris Career Center - Students completing Polaris Career Center's Cosmetology program are eligible to earn 20 hours of college credit through an associate of technical studies degree at Cuyahoga Community College; emphasizing small business management.

Students enrolled in the secondary program are required to complete 1,500 clock hours of instruction, pass cosmetology theory and practical classes, complete related science coursework and successfully complete academic classes. Students then sit for the Ohio State Board of Cosmetology exam at the completion of their secondary program.

Upon program completion, high school graduation and licensure attainment, students have earned college credit and also are qualified to enter the workforce.

The Regional Center also assisted its partners beyond the scheduled scope of work in FY15:

Career Field	CTE-26/POSS Completed	Articulation Agreements (AA) Created	Average Number of Credits Available on AA*
Agricultural & Environmental Systems	1	1	1
Arts & Communication	3	3	6
Education & Training	1	1	3
Engineering & Science Technologies	8	9	10.5
Information Technology	3	7	9
Health Science	3	6	9
Hospitality & Tourism	1	4	12
Manufacturing	2	5	7.5
Middle School Programs	14	0	0
FY15 Total	36	36	7.25

*College Credit Plus, CTAG and Bilateral Articulation Agreements

Increasing Awareness of College Credit Opportunities

Another important service provided by the Ohio College Tech Prep Regional Centers in FY15 was educating secondary and postsecondary faculty, counselors and administrators about college credit opportunities available to their students to earn while in high school. The Northeast Regional Center provided 28 professional development workshops focused on quality programming, transitioning from career-technical programs to courses, Career-Technical Assurance Guides and local articulation agreements, and other workshops requested or necessary within the region. Overall, these workshops brought together more than 1,800 representatives from school districts, colleges, adult career centers, business and industry, as well as students and their families.

Partnership Highlights

Construction Trades at Mayfield Excel Technical Education Career Consortium - The Construction Trades program at Mayfield Excel TECC prepares students for employment in building, remodeling, maintenance or general repair.

Instruction is hands-on and coupled with theory and lab demonstrations. Students learn by erecting actual housing structures, constructed in collaboration with Excel TECCs Computer Aided Design/Drafting, Environmental Education, and Studio Art and Design programs. The completed structures are showcased at the annual Construction Trades Open House that is attended by hundreds of community members and industry leaders from the nine districts that Excel TECC serves.

Upon graduation, Construction Trades students can enter union-sponsored trade programs, attend two- and four-year colleges, or obtain immediate employment in the field. Students participating in the Construction Trades program have the opportunity to earn articulated credit through both Lakeland Community College and Cuyahoga Community College.



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 six staffed satellite offices are located at Clark State Community College, Edison State Community College, Northwest State Community College, Owens Community College, Rhodes State College and Terra State Community College.

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FY 2015 Performance Review

Major services provided by the Northwest Ohio College Tech Prep Regional Center to all school districts, universities, colleges and adult career centers in the region include:

- Connecting secondary (7-12), college, adult and apprenticeship programs in meaningful Programs of Study/career pathways.
- Providing secondary students and adult learners with opportunities to earn college credit through College Credit Plus, statewide articulation or bilateral articulation agreements.
- Ensuring students are aware and take advantage of postsecondary credit options.
- Assisting school districts, Ohio Technical Centers and colleges in their efforts to adhere to statewide Career-Technical Credit Transfer (CT)² requirements and bilateral agreement expectations.

Programs of Study and Bilateral Articulation Agreements

In FY15, the Regional Center assisted secondary and postsecondary partners complete their program approval applications known as the CTE-26/Program of Study application. The following chart represents the work completed in the career fields mandated by the Ohio Department of Education:

Career Field	CTE-26/POSs Completed	Local Articulation Agreements (AA) Created or Renewed	Average Number of Credits Available on AA
Business Administration	28	39	7.5
Construction Technologies	35	38	5.1
Finance	5	5	4.2
Law and Public Safety	9	8	4.0
FY15 Total	77	90	9.2

Partnership Highlights

In the Northwest Region, there are many great partnerships among school districts, universities, colleges, adult career centers and businesses. The following are exemplars highlighting opportunities for students to access college credit while in high school.

Pre-Engineering at Four County Career Center - The Four County Career Center has formed a partnership with Northwest State Community College to house its pre-engineering program. This partnership provides early college credits to students, while acclimating them to college campus life during high school.

Cyber Security and IT at Springfield High School's STEM Academy - Springfield High School's STEM Academy has partnered with Clark State Community College to offer an "Introduction to Cyber Security" course to any junior or senior high school student. In this entry-level class, students explore a broad set of cyber security topics, including the techniques and defenses used to protect computer network systems. The course counts as a transfer credit if students continue at Clark State.

The Regional Center also assisted its partners beyond the scheduled scope of work in FY15:

Career Field	CTE-26/ POSs Completed	Articulation Agreements (AA) Created or Renewed	Total Number of Credits Available	Average Number of Credits on AA*
Agricultural and Environmental Systems	4	4	74	18.5
Arts and Communication	2	2	11	5.5
Engineering and Science Technologies	10	14	73	5.2
Health Science	4	4	36	9
Information Technology	8	11	40	3.6
Manufacturing	8	10	65	6.5
Career-Based Intervention	1	0	0	0
Family and Consumer Sciences	2	0	0	0
Job Training Coordinator	1	0	0	0
FY15 Total	40	45	299	8

*College Credit Plus, CTAG and Bilateral Articulation Agreements

Increasing Awareness of College Credit Opportunities

Another important service provided by the Ohio College Tech Prep Regional Centers in FY15 was educating secondary and postsecondary faculty, counselors and administrators about college credit opportunities available to their students to earn while in high school. The Northwest Regional Center provided 169 professional development workshops focused on quality programming, transitioning from career-technical programs to courses, Career-Technical Assurance Guides and local articulation agreements, and other workshops requested or necessary within the region. Overall, these workshops brought together more than 4,600 representatives from school districts, colleges, adult career centers, business and industry, as well as students and their families.

FY15 Tech Prep Support Grant Activities

The Ohio College Tech Prep Regional Centers received additional funds to facilitate workshops aimed at fostering a collective understanding between secondary and postsecondary faculty and administrators regarding career pathways and college credit options for their students.

The Northwest Ohio Regional Center held three State Transfer of Credit Knowledge (S.T.O.C.K.) workshops for secondary staff in the spring of 2015. The workshops were held at Terra State Community College, Rhodes State College and Edison State Community College. The focus was on three career fields that had recently transitioned to courses: Engineering and Science Technologies, Manufacturing and Information Technology.

In preparation for the workshops, six postsecondary faculty from partner institutions designed CT² specific resources and activities. During the workshops, the faculty presented these resources and facilitated interactive discussions among the 37 secondary and postsecondary participants that focused on how to use the resources to enhance their curricula and programs. Each participant received a teaching device (Awesome Cube or Raspberry Pi) for their program, as well as information on college credit options, new content and methodology and college admission requirements.



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 postsecondary institutions: Belmont College, Eastern Gateway Community College, Hocking College, Rio Grande Community College and Zane State College.

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FY 2015 Performance Review

Major services provided by the Southeast Ohio College Tech Prep Regional Center to all school districts, universities, colleges and adult career centers in the region include:

- Connecting secondary (7-12), college, adult and apprenticeship programs in meaningful Programs of Study/career pathways.
- Providing secondary students and adult learners with opportunities to earn college credit through College Credit Plus, statewide articulation or bilateral articulation agreements.
- Ensuring students are aware and take advantage of postsecondary credit options.
- Assisting school districts, Ohio Technical Centers and colleges in their efforts to adhere to statewide Career-Technical Credit Transfer (CT)² requirements and bilateral agreement expectations.

Programs of Study and Bilateral Articulation Agreements

In FY15, the Regional Center assisted secondary and postsecondary partners complete their program approval applications known as the CTE-26/Program of Study application. The following chart represents the work completed in the career fields mandated by the Ohio Department of Education:

Career Field	CTE-26/POSS Completed	Local Articulation Agreements (AA) Created or Renewed	Average Number of Credits Available on AA
Business Administration	22	23	10.3
Construction Technologies	28	18	11.2
Finance	1	1	3
Law and Public Safety	7	3	6
FY15 Total	58	40	10.2

Partnership Highlights

In the Southeast Region, there are many great partnerships among school districts, universities, colleges, adult career centers and businesses. The following are exemplars highlighting opportunities for students to access college credit while in high school.

Engineering at Mid-East Career and Technology Centers - A partnership between Mid-East Career and Technology Centers and Zane State College allows students to complete an associate of technical studies degree while enrolled in the high school career-technical program.

Construction Trades at Tri-County Career Center - The Construction Trades Program at Tri-County Career Center provides students with a real-life experience culminating in a senior project constructing a 2000 square foot house from the ground up. Students frame, side and roof the house, as well as complete all of the interior work, such as painting, framing and hanging doors and windows, trim work and cabinet hanging. The finished project includes outside decks and out buildings. Students successfully completing this program are well-positioned to enter the workforce or continue at Hocking College in the Construction Management degree program.

The Regional Center also assisted its partners beyond the scheduled scope of work in FY15:

Career Field	CTE-26/POSS Completed	Articulation Agreements Created or Renewed	Average Number of Credits Available*
Agriculture and Environmental Science	9	33	10.5
Hospitality and Tourism	0	7	4
Information Technology	15	39	11.8
Manufacturing	4	19	7.3
Engineering and Science Technologies	29	24	7.2
Health Sciences	6	18	11.8
FY15 Total	63	140	8.8

*College Credit Plus, CTAG and Bilateral Articulation Agreements

Increasing Awareness of College Credit Opportunities

Another important service provided by the Ohio College Tech Prep Regional Centers in FY15 was educating secondary and postsecondary faculty, counselors and administrators about college credit opportunities available to their students to earn while in high school. The Southeast Regional Center provided 13 professional development workshops focused on quality programming, transitioning from career-technical programs to courses, Career-Technical Assurance Guides and local articulation agreements, and other workshops requested or necessary within the region. Overall, these workshops brought together more than 300 representatives from school districts, colleges, adult career centers, business and industry, as well as students and their families.

FY15 Tech Prep Support Grant Activities

The Ohio College Tech Prep Regional Centers received additional funds to facilitate workshops aimed at fostering a collective understanding between secondary and postsecondary faculty and administrators regarding career pathways and college credit options for their students.

In the Southeast Region, Hocking College and Belmont College each hosted workshops that focused on providing resources to teachers within the Engineering and Science Technologies and the Information Technology career fields. Postsecondary and secondary faculty interacted to share tools, resources and instructional strategies, as well as discuss early college credit opportunities – potential bilateral articulation agreements, available statewide articulation agreements and College Credit Plus options.



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 2015 Performance Review

Major services provided by the Southwest Ohio College Tech Prep Regional Center to all school districts, universities, colleges and adult career centers in the region include:

- Connecting secondary (7-12), college, adult and apprenticeship programs in meaningful Programs of Study/career pathways.
- Providing secondary students and adult learners with opportunities to earn college credit through College Credit Plus, statewide articulation or bilateral articulation agreements.
- Ensuring students are aware and take advantage of postsecondary credit options.
- Assisting school districts, Ohio Technical Centers and colleges in their efforts to adhere to statewide Career-Technical Credit Transfer (CT)² requirements and bilateral agreement expectations.

Programs of Study and Bilateral Articulation Agreements

In FY15, the Regional Center assisted secondary and postsecondary partners complete their program approval applications known as the CTE-26/Program of Study application. The below chart represents the work completed in the career fields mandated by the Ohio Department of Education.

Career Field	CTE-26/POSS Completed	Local Articulation Agreements (AA) Created or Renewed	Average Number of Credits Available on AA
Business Administration	41	11	9
Construction Technologies	54	10	6
Finance	4	1	4
Law and Public Safety	16	4	11
FY15 Total	115	26	7

Partnership Highlights

In the Southwest Region, there are many great partnerships among school districts, universities, colleges, adult career centers and businesses. The following are exemplars highlighting opportunities for students to access college credit while in high school.

Expanded Student Opportunity at Sinclair Community College - Sinclair Community College is conducting a pilot to consider multiple measures for Tech Prep students who have graduated from high school and are enrolling at Sinclair. This pilot is designed to eliminate the requirement to take Accuplacer for students who have at least a 3.0 GPA. The college has identified 1,845 students who meet this criterion and has notified the registrar of these students.

Engineering and Science Technologies at Cincinnati State and Miami University - Miami University and Cincinnati State have created a pathway extending from high school career-tech programs to an associate degree in mechanical engineering technology at Cincinnati State and a bachelor's degree from Miami. Beginning fall 2015, students will be able to take Miami classes on the Cincinnati State campus and some courses through distance learning.

The Regional Center also assisted its partners beyond the scheduled scope of work in FY15:

Career Field	CTE-26/POSS Completed	Articulation Agreements Created or Renewed	Average Number of Credits Available*
Agricultural and Environmental Systems	14	29	5
Education and Training	1	0	3
Engineering and Science Technologies	22	4	7
Health Science	15	14	8
Hospitality and Tourism	15	0	9
Information Technology	23	0	2
Transportation Systems	1	2	3
FY15 Total	92	49	5

*College Credit Plus, CTAG and Bilateral Articulation Agreements

Increasing Awareness of College Credit Opportunities

Another important service provided by the Ohio College Tech Prep Regional Centers in FY15 was educating secondary and postsecondary faculty, counselors and administrators about college credit opportunities available to their students to earn while in high school. The Southwest Regional Center provided 23 professional development workshops focused on quality programming, transitioning from career-technical programs to courses, Career-Technical Assurance Guides and local articulation agreements, and other workshops requested or necessary within the region. Overall, these workshops brought together more than 8,600 representatives from school districts, colleges, adult career centers, business and industry, as well as students and their families.

FY15 Tech Prep Support Grant Activities

The Ohio College Tech Prep Regional Centers received additional funds to facilitate workshops aimed at fostering a collective understanding between secondary and postsecondary faculty and administrators regarding career pathways and college credit options for their students.

The Southwest Regional Center offered three workshops and a summer camp focused on Engineering and Science Technologies and Information Technology (IT) pathways. Nearly 100 secondary and postsecondary faculty and employers were involved in the workshops held at Cincinnati State, Miami University and Sinclair Community College.

Postsecondary and secondary faculty collaborated to examine content used in college courses to address required learning outcomes in electrical and mechanical engineering and IT. Faculty members from Cincinnati State, Edison Community College, Sinclair Community College, Shawnee State, UC Clermont and Miami University and secondary career-tech instructors presented interactive sessions focused on CADD, Digital Electronics, DC Circuits and Manufacturing Processes and IT. The IT workshop resulted in the formation of a region-wide advisory committee, the creation of web-based resources and plans for additional trainings targeted at new statewide articulation agreements.

Teachers took away sample college syllabi, key learning outcomes and college course prerequisites. Instructional tips and resources—such as sample labs and projects—will enhance teaching capability and boost student readiness for college rigor. At the Cincinnati State workshop, graduates of the mechanical engineering program who are currently employed at GE discussed job qualification and employment opportunities in the laser field.

