2026 CAREERTECHWV

FOCUS



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CAREERTECHWV

INITIATIVES

INITIATIVES

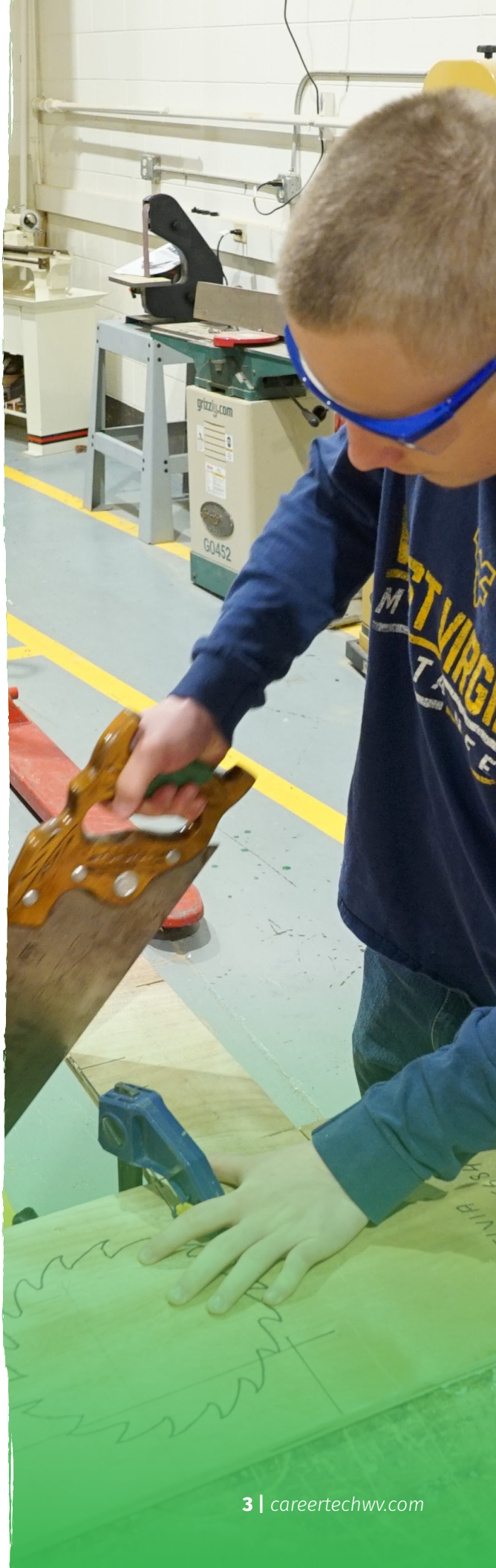
CareerTechWV

The West Virginia Department of Education's (WVDE) Career Technical Education (CTE) programs continue to provide students with meaningful opportunities to explore a wide range of careers through hands-on, real-world learning. These programs equip students with practical, in-demand skills, offer opportunities to earn industry-recognized credentials, and connect students with valuable work-based learning experiences that extend beyond the classroom.

Across West Virginia, a variety of career clusters allow students to explore diverse pathways spanning multiple industries. These clusters help students identify their interests and strengths while guiding them toward successful postsecondary education, careers, or military service. Within each cluster, students have the opportunity to focus on specific areas of study, enhancing their high school experience and expanding their future opportunities.

During the 2025–2026 academic year, Simulated Workplace continued to elevate CTE classrooms by transforming them into authentic work environments where students develop both technical and employability skills. Instructors serve as mentors and industry leaders, providing relevant guidance aligned to students' career goals. Through strong partnerships with business and industry, students gain meaningful connections and apply their learning in practical ways—ensuring they are prepared for success in their chosen paths.

This FOCUS book provides a comprehensive look at the 2025–2026 school year, highlighting key initiatives, events, CTSOs, and programs that are shaping the future of CTE in West Virginia.



West Virginia CTE Snapshot

CTE Access and Delivery

379
Schools

115
High Schools

226
Middle Schools

5
Elementary Schools

21
County Technical Centers

5
County Virtual Schools

7
Multi-County Technical Centers

Student Participation

89,472
Total Participants

44,159
CTE Participants
(Grades 6-8)

45,313
CTE Participants
(Grades 9-12)

Educator Workforce

1,920
CTE Educators

CTE Works Across the Nation

97%
CTE concentrators graduate high school compared to the national average

93%
Employers report CTE programs benefit their bottom line

85%
High school graduates take at least one CTE course

CTE concentrators are more likely to be employed full-time and earn higher wages after graduation

Across West Virginia, these numbers reflect a proven approach that prepares students for success in postsecondary education, careers, and military service.

References

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[3]Association for Career and Technical Education. (2021). Employer research report. *https://cte.careertech.org/wp-content/uploads/2023/01/EmployerResearchReport_100621_small.pdf*

[4]U.S. Department of Education. (2019). Bridging the divide: Career and technical education in high school. *https://s3.amazonaws.com/PCRN/file/CTE+Data+Story-1.pdf*

Apprenticeships

Classroom2Career (C2C) Apprenticeships is an initiative by the WVDE developed to bridge the gap between classroom learning and career readiness. It prepares students for the workforce through authentic work experiences and integrates technical instruction with practical applications. Students are receiving hands-on learning from industry professionals, and some are even participating in registered apprenticeships.

This forward-thinking initiative offers students the opportunity to engage in real-world, hands-on training in high-demand fields while still in high school. Through strong partnerships between local school districts, regional employers, and industry leaders, students gain early exposure to career pathways in fields such as healthcare, manufacturing, construction, information technology, hospitality, and more. These partnerships not only provide meaningful employment experiences but also support the development of essential workplace skills such as problem-solving, teamwork, communication, and professional responsibility.

At the heart of the initiative is on-the-job training (OJT) apprenticeships, a model that blends classroom-based technical instruction with structured, paid work experience. In these placements, students apply what they've learned in the classroom to solve real-world problems under the mentorship of skilled professionals. These apprenticeships are tailored to meet both student interests and local workforce needs, helping to retain young talent and fuel regional economic development.

Category	Community	On-the-Job Training	Total
Dollars Earned	-	$3,339,678.00	$3,339,678.00
Hours Worked	1,157,582	409,953	1,567,535
Students	12,418	2,335	14,753
Partners	1,536	658	2,194

Student-Focused

Through alignment with registered apprenticeship programs (RAPs), many C2C Apprenticeships help students graduate with a diploma, industry-recognized credentials, and even apprenticeship hours that can jumpstart their careers.



INITIATIVES

Middle School CTE

The WVDE continues to expand career exploration opportunities for middle school students through a statewide initiative that connects classroom learning to real-world careers. Building on Discover Your Future, West Virginia's career exploration course, students are introduced to all **16** national career clusters and a variety of career pathways.

During the 2025-2026 school year, 44,159 students across 226 middle schools participated in career awareness and exploration activities, including career readiness lessons, interest assessments, hands-on learning, guest speakers, career days, virtual tours, and Simulated Workplace experiences. Partnerships with local businesses and technical education centers further strengthened these opportunities. To ensure programs remain relevant and effective, the WVDE partnered with The EdVenture Group to conduct multi-year surveys and educator focus groups. Findings are used to improve instruction, resources, and student experiences while aligning programs with workforce needs.

Middle school students can also earn high school credit through 11 Grade 8 courses, allowing earlier entry into CTE pathways and supporting future success. Statewide highlights include Jeremy Cantrell being named the 2026 Environmental Teacher of the Year (Grades 6-8), the revitalization of the Braxton County Middle School Outdoor Lab Nature Trail, and a third-place finish at the Mountain State Innovators Summit for the Building Blessings project.

Through this initiative, the WVDE is redefining middle school CTE by offering flexible career exploration opportunities through stand-alone courses, integration into core subjects, and partnerships with industry and community organizations, ensuring equitable access and helping students make informed decisions about their futures.



Building Blessings

A community service project where **Braxton County Middle School CTE** students, guided by teachers Alicia McPherson and Jeremy Cantrell, build and install blessing boxes stocked with donated food and hygiene items. Students also create birdhouses, benches, bee hotels, and checkerboards for a local nursing home. All projects are finished with walnut stain harvested by students along the school's nature trail, highlighting sustainability.



Eighth Grade Pilot Program

Roane-Jackson Technical Center partnered with Ripley Middle School to pilot an exciting new opportunity for eighth grade students. Students attended the Technical Center for half a day, gaining early exposure to hands-on career training. The pilot launched with three outstanding students across two programs, and their success has set a strong foundation for future growth.

INITIATIVES

National Technical Honor Society

The National Technical Honor Society (NTHS) is the honor society for CTE. As a national non-profit student organization, NTHS has recognized outstanding student achievement in CTE since 1984. Having served more than one million members in secondary and postsecondary chapters across the country and beyond, NTHS continues to support the next generation of skilled workers and leaders through chapter activities built around the core four objectives of career development, leadership development, service, and recognition. NTHS' scholarship program provides more than **$300,000** in scholarships to high school and postsecondary members annually.

50
Schools

2,041
Students

7
John H. Poteat Scholarship Recipients

1
NTHS HOSA Scholarship Recipient

1
Rubin Propel Scholarship Recipient

Students from the NTHS at the James Rumsey Technical Institute recently volunteered their skills and time to repair the bridge that connects Hedgeville Elementary School's two playgrounds.

This community service project is fully sponsored by the local Lowe's™, which generously provided both the materials and labor necessary to complete the work.

Upon completion, the bridge will provide Hedgesville Elementary School teachers with safe access for nature walks and outdoor learning activities, enhancing opportunities for hands-on educational experiences outside the classroom.



INITIATIVES

Partnerships

The Office of Career Technical Education is dedicated to ensuring high-quality CTE program delivery by actively engaging with local, state, and national boards. Through this involvement, the team represents the office while promoting alignment with industry standards and expanding opportunities for student growth and success.

Career Connected Affiliations:

- Advanced CTE
- Association for Career and Technical Education (ACTE)
- Computing Technology Industry Association (CompTIA)
- Contractors Association of West Virginia
- Marshall Advanced Manufacturing Center
- Marshall University
- MBA Research and Curriculum Center
- Mid-Atlantic Aerospace Complex
- Mountain State Educational Services Cooperative
- National Center for Construction Education and Research (NCCER)
- National Consortium of Health Science Education (NCHSE)
- National Technical Honor Society
- Netflix's - "Baking Impossible" Cast
- NOCTI's Consortium of States
- Putnam County Development Authority
- The Education Alliance
- The EdVenture Group
- West Virginia Advanced Career and Technical Education (WV ACTE)
- West Virginia Affiliated Construction Trades
- West Virginia Building and Construction Trades
- West Virginia Chamber of Commerce
- West Virginia Community and Technical College System
- West Virginia Department of Agriculture
- West Virginia Department of Arts, Culture and History
- West Virginia Department of Commerce
- West Virginia Department of Economic Development
- West Virginia Department of Tourism
- West Virginia Entrepreneurship Ecosystem
- West Virginia Entrepreneurship Ecosystem Subcommittee: Talent Subcommittee
- West Virginia Fire Commission
- West Virginia Higher Education Policy Commission
- West Virginia Hospitality and Travel Association
- West Virginia Hospitality and Travel Association Educational Foundation: Secretary
- West Virginia Hospitality and Travel Association: Member at Large
- West Virginia Manufacturers Educational Fund (WVMA-EF)
- West Virginia State Board of Barbers and Cosmetologists
- West Virginia University
- WorkForce West Virginia

INITIATIVES

School Service Personnel

The Office of Career Technical Education plays a critical role in maintaining the quality and consistency of school service personnel across West Virginia schools. One of the office's responsibilities is overseeing the development and review of state-approved competency tests used to evaluate candidates for various non-instructional roles, such as secretarial, custodial, maintenance, and technical positions.

These competency tests ensure that individuals applying for school service personnel positions, whether as new hires, substitutes, or existing employees seeking reclassification, meet established qualifications aligned with industry standards. Counties are required to use the state-developed tests in full, without modifications or additions. While counties may consider additional job-related factors during the hiring process, they are not permitted to create or administer their own tests for these roles.

In the 2025–2026 school year, a total of **5,678** competency tests were administered statewide. The Office of CTE conducted a formal review of ten competency tests to ensure content remains relevant and up to date. The tests reviewed included: Cabinetmaker, Carpenter, Electrician, Electronic Technician, Heavy Equipment Operator, Locksmith, Mason, Roofing/Sheet Metal Mechanic, School Bus Supervisor, Switchboard Operator/Receptionist.

Of the ten tests reviewed, three are directly aligned with CTE programs of study, reinforcing the connection between school-based training and real-world job readiness.

Through this work, the Office of Career Technical Education continues to support the recruitment and retention of skilled service personnel who play a vital role in the day-to-day operations of schools across the state.



INITIATIVES

West Virginia Schools for the Deaf and the Blind



At the West Virginia Schools for the Deaf and the Blind (WVSDB), students in Grades 9–12 who are deaf and hard of hearing (DHH) and blind or visually impaired (VI) participate in CTE Academies that provide hands-on, real-world learning experiences aligned to high-demand career fields. Through simulated work-based learning environments, students develop technical, employable, and independent living skills in structured and supportive settings that prepare them for success beyond graduation.

WVSDB's Academy for Career Connections (AC²) offers opportunities for career exploration and workforce preparation. Through the CTE academies, students gain real-world training and experience in high-demand fields.

WVSDB CTE Academies:

- Building Maintenance and Operations Academy - Equips students with practical skills in electrical work, plumbing, and general repair.
- Business Enterprise Academy - Introduces students to entrepreneurship, business management, and marketing strategies.
- Culinary/Hospitality Academy - Offers real-world kitchen experience and service training, including opportunities to earn industry-recognized credentials.
- Music Academy - Encourages creativity and performance while integrating music technology and production.
- Personal Career Readiness Academy - Builds essential job-readiness skills, from resume writing and interview techniques to workplace etiquette.

Key Partnerships

WVSDB's CTE programs are strengthened through partnerships with:

- Eastern West Virginia Community and Technical College
- Potomac State College of West Virginia University
- West Virginia Division of Rehabilitation Services

44 Students

3 Partners



Appalachia Provisions Café

This Simulated Workplace was recently opened on the WVSDB's campus in Romney. Students work with their instructor to run the business that provides the school and the community at-large with fresh coffee, tea, pastries, and sandwiches.

INITIATIVES

West Virginia Schools of Diversion and Transition

8
Schools

15
CTE Programs

The mission of the West Virginia Schools of Diversion and Transition (WVSDT) is to prepare juveniles and adults for successful reentry into school, employment, and community life as responsible, productive citizens.

Through a blend of classroom instruction, individualized support, and project-based learning, WVSDT provides students with meaningful educational opportunities and practical, real-world skills. Students work toward academic goals and career readiness while gaining hands-on experience through projects that often benefit local communities, school districts, and state parks.

By connecting education with workforce preparation, community involvement, and transition support, WVSDT helps individuals overcome barriers, continue their educational journeys, and develop the skills and confidence needed to build productive futures.



CAREERTECHWV

EVENTS

EVENTS

CTE Day at the Legislature

On February 20, 2026, more than **400** students and instructors gathered at the West Virginia State Capitol to participate in CTE Day at the Legislature. Representing **42** schools from across the state, students showcased their CTE programs through interactive booths, live demonstrations, and engaging conversations with legislators.

The event gave students a unique opportunity to highlight the skills they have gained through Simulated Workplace companies and Career and Technical Student Organizations (CTSOs). As part of the national celebration of CTE Month, the day emphasized the vital role CTE plays in preparing students for the workforce and meeting the economic demands of West Virginia and the nation.

42
Schools

100+
Simulated Workplace companies and CTSOs

400+
Students





EVENTS

Culineering Challenge

Nine teams comprising culinary, engineering, computer science, and robotics students from various regions in West Virginia actively participated in the fourth annual Culineering Challenge, from October 22-23, 2025, hosted at Oglebay Resort in Wheeling, West Virginia.

Several cast members from the Netflix® original series, *Baking Impossible*, returned to the Mountain State for a second year to mentor and support participating students. Their guidance provided them with valuable industry insights while encouraging creativity, teamwork, and problem-solving throughout the competition.

Each team consisted of two culinary students, two engineering students, one builder, and one social media influencer who collaborated to design and construct an original putt-putt golf course hole themed after one of the nine tourism regions in the state. Each design incorporated moving parts and edible components infused with a randomly selected tea flavor. Additionally, teams presented a custom-made putter that reflected their course theme. The challenge showcased the unique intersection of culinary arts and engineering, requiring students to think creatively while meeting both technical and artistic objectives. Throughout the event, participants demonstrated exceptional collaboration and ingenuity as they brought their concepts to life.

9 Schools

12 Partners

54 Students

2025 Culineering Challenge Winners



1

GRAND CHAMPION
Drive and Dine Coyotes from Wetzel County Technical Education Center - *$5,000 + $200 per student (sponsored by West Virginia Hospitality Association (WVHTA) Education Foundation)*



2

SECOND PLACE
The Culinary Caddies from Wheeling Park High School - *$3,000*



3

THIRD PLACE
MCTEC Culineers Mercer County Technical Education Center - *$2,000*

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EVENTS

Healthcare Imagine U Virtual Surgery

On November 20, 2025, the WVDE partnered with Charleston Area Medical Center (CAMC) to broadcast the Imagine U Virtual Surgery—an innovative educational experience for students statewide. The pre-recorded surgery is narrated live by a surgeon, with students able to submit questions via social media or email during the broadcast. The surgery, along with other archived procedures, remains available for teachers to incorporate into future lessons that align with relevant instructional topics.

CAMC provides surgical footage, career videos, patient education materials, and technical support. The WVDE's CTE team coordinates planning, registration, curriculum aligned to national Health Science standards, and teacher communication.

In addition, CAMC's Imagine U website offers career interviews across health disciplines, helping students explore healthcare pathways and build career readiness skills.

108 Schools

1 Partner

3,128 Students

EVENTS

ProStart - Culinary Boot Camp

Held at the Morgantown Marriott on October 28, 2025, the Culinary Boot Camp brought together students, educators, and industry partners for a full day of immersive, hands-on learning. The event featured two specialized tracks—ProStart and Baking and Pastry—designed to introduce participants to the structure and expectations of culinary competitions while building essential technical skills.

Led by industry professionals, workshops focused on key culinary techniques such as safety and sanitation, organization, food service entrepreneurship, dessert sauces, truffles, gum paste flowers, homemade pasta, and ice cream. In addition to skill development, students had the opportunity to explore college and career pathways, engaging with postsecondary representatives to learn more about educational and professional opportunities in the culinary field.

15 Schools

11 Partners

163 Students

EVENTS

ProStart - Hospitality Cup

11 Schools

34 Partners

59 Students

The Hospitality Cup, West Virginia's premier ProStart competition, is an annual event where high school students showcase their culinary and restaurant management skills in a high-stakes, industry-driven contest. The competition consists of two main events—culinary and restaurant management—with top teams earning the opportunity to represent West Virginia at the National ProStart Invitational, hosted by the National Restaurant Association Educational Foundation.

Culinary Competition

Teams of two to four students are challenged to prepare a three-course meal within one hour, without access to running water or electricity, using only two butane burners. Judging criteria include packaging and inventory, work skills and organization, team presentation and knife skills, safety and sanitation, product taste and appearance, and menu and recipe costing.

Restaurant Management Competition

In this event, teams of two to four students design a new restaurant concept and present it to a panel of judges in a simulated business exposition. Judging focuses on concept development, operations, marketing strategy, menu design, critical thinking, and presentation skills.

This year, more than **$720,000** in scholarships were awarded to the top-performing teams.

2026 Winners

Place	Culinary Competition	Management Competition
First	Monongalia Technical Education Center	Monongalia Technical Education Center
Second	Marion County Technical Center	Marion County Technical Center
Third	Jefferson High School	Carver Career and Technical Center





EVENTS

SparkWV

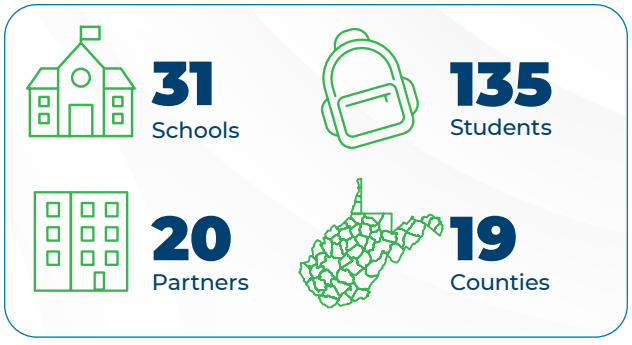
SparkWV is a statewide business idea competition that helps middle and high school students in West Virginia develop an entrepreneurial mindset as they explore future careers. Students compete in two tracks:

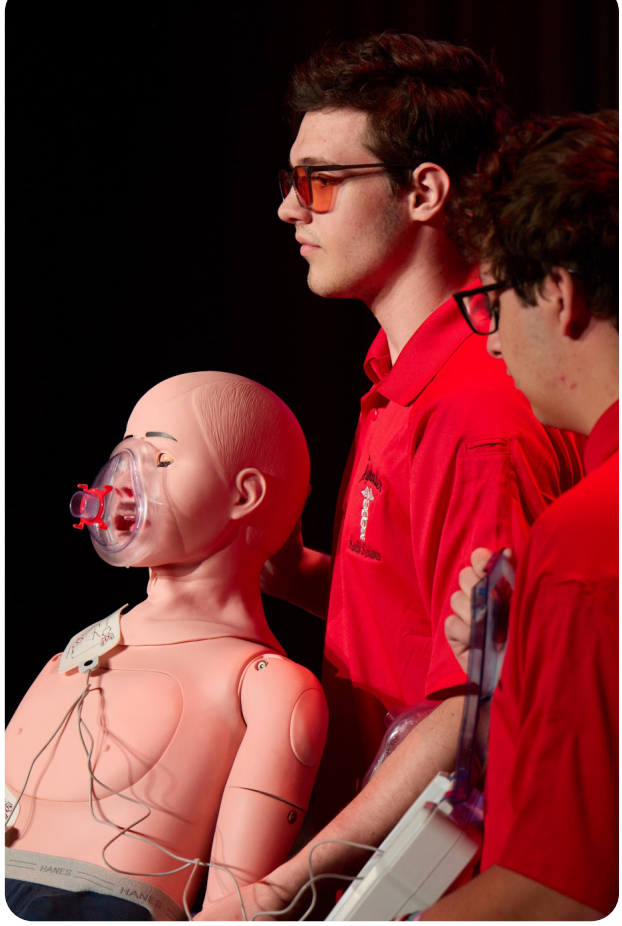
- **Big Idea:** Innovative, scalable solutions to real-world problems
- **Small Business:** Community-based ventures built on hobbies or skills

This year, 135 students from 31 schools across 19 counties submitted 74 business ideas. Over three rounds, students received training in idea development, business modeling, public speaking, and pitch preparation, with finalists receiving one-on-one coaching. The final round was held on April 29, 2026, during Bridging Innovation Week at West Virginia University (WVU).

A total of **$13,590** has been invested into West Virginia student entrepreneurs:

- **$9,300** in direct awards allocated
- **$3,000** in sponsorship support awarded to students
- **$1,290** in additional investments made directly into student-run businesses





2026 Winners

Place	Big Ideas	Small Business
First	ArrivTrack Suncrest Middle School - Kian Norouzi	Conscious Quality - Oak Glen High School - Kari Thornburg
Second	Servo Reader - Spring Mills High School - Kayla Crouell	ReCraft Kicks - Andrew Jackson Middle School - Parker Wamsley
Third	Highlander Seal - Webster County High School - Colton Tanner, Ezekie Gray, and William Walkup	Future Finance Leaders Initiative - Huntington High School - Jenna Lindsey

Wildcat Designs CTE Middle - Guyan Valley Middle School - awarded Jumpstart Savings Award and Crowd Choice Award

Rising Star Winner - AT WoodWork - Herbert Hoover High School - Austin Taylor (this student designed and produced the awards that were presented to top 3 in each track)



EVENTS

Youth Entrepreneurship Education Day

In partnership with The EdVenture Group, Inc., the WVDE, and WVU Extension, Entrepreneurship Education Day provided middle and high school students with dynamic, hands-on learning experiences designed to spark creativity and cultivate an entrepreneurial mindset. Throughout the day, students participated in interactive sessions that focused on innovation and business development. During lunch, attendees had the opportunity to observe Shepherd University's Financial and Business Plan Competition, where student entrepreneurs presented their ideas in a pitch-style format. Winners were awarded financial scholarships to support their pursuit of Shepherd's Business Programs.

5 Schools

5 Partners

82 Students

Participant demographics included 82 students (69 middle school and 13 high school), as well as 9 teachers and 24 staff members and volunteers.

Partners:

- West Virginia Entrepreneurship Ecosystem
- WVU Extension
- WVDE
- EdVenture Group, Inc
- WVU Innovation Corporation

Participating Schools:

- Westwood Middle School (Monongalia County)
- Guyan Valley Middle School (Lincoln County)
- Ben Franklin Career Center (Kanawha County)
- University High School (Monongalia County)
- Braxton County Middle School (Braxton County)
- Individual students from Hancock, Monongalia, Kanawha, and Wayne counties

theEdVenturegroup WV EXTENSION West Virginia DEPARTMENT OF EDUCATION

EVENTS

Young Entrepreneur Experience with Entrepreneur Celebrity

4 Schools

12 Partners

7 Students

During this event, elementary students (ages 6–11) were paired with a celebrity (business partner) to explore entrepreneurship through connection, creativity, and hands-on learning.

Students began with icebreakers and guided conversations, building rapport while learning about careers and strengthening communication skills. They then participated in a hands-on entrepreneurship challenge, identifying everyday problems, brainstorming solutions, and creating simple prototypes alongside their partner.

To conclude, students delivered a 60-second pitch explaining their idea, building confidence in public speaking and reinforcing creativity, problem-solving, and persistence. The event wrapped up with presentations celebrating student innovation, growth, and collaboration.

Celebrities:

- Matt Herridge - West Virginia Secretary of Commerce
- Kris Warner - West Virginia Secretary of State
- Amber Ravenscroft - Director of West Virginia Entrepreneurship Ecosystem
- Logan Cuvo - Entrepreneur - The Best Dam Tape
- James Carnes - Entrepreneur - Beacon
- Jodi Hollingshead - Morgantown City Council
- Carlee Nelson - WVU Athlete - Gymnast

Schools Included:

- Cheat Lake Elementary
- Mountainview Elementary
- Morgantown Learning Academy
- Andrew Jackson Middle School





CAREERTECHWV

Career and Technical Student Organizations

CTSO

Educators Rising

Educators Rising engages students who are interested in teaching through hands-on experiences, leadership development, and career exploration opportunities. Members gain practical skills in communication, lesson planning, classroom management, and professional development while participating in competitions, workshops, and community service projects. Educators Rising fosters a passion for education, cultivates leadership abilities, and equips students with the knowledge and experience needed to succeed in college, careers, and the teaching profession.

During the 2025–2026 school year, Educators Rising:

- Educators Rising reached **338** total members across 26 counties
  - **310** students
  - **28** advisors
- Members celebrated **27** first-place student wins
- Engaged **31** members at Fall Leadership
- Hosted **190** participants at the State Leadership Event

CTSO

Future Business Leaders of America

Future Business Leaders of America (FBLA) empowers students to become community-minded business leaders through career preparation and leadership development. As part of the largest business career student organization in the world, WV FBLA provides members with opportunities to explore business-related careers, engage in competitive events, and build essential skills for success in college and the workforce.

During the 2025–2026 school year, FBLA:

- FBLA reached **1006** total members across 26 counties
  - **952** students
  - **54** advisors
- Celebrated **88** first-place student winners
- Engaged **436** members at Fall Leadership
- Hosted **543** participants at the State Leadership Event



CTSO

Family, Career and Community Leaders of America

Family, Career and Community Leaders of America (FCCLA) is a CTSO for students pursuing interests in family and consumer sciences. FCCLA empowers youth to address real-world issues such as family relationships, parenting, peer pressure, substance abuse, teen violence, nutrition and fitness, environmental responsibility, and career exploration.

Through hands-on projects and leadership opportunities, members expand their potential while developing essential life skills—planning, goal setting, problem-solving, decision-making, and effective communication. FCCLA prepares students for their many roles as family members, wage earners, and community leaders.

During the 2025–2026 school year, FCCLA:

- FCCLA reached **143** members statewide
  - **139** students
  - **4** advisors
- Celebrated **10** first-place student finishes
- Engaged **34** participants at Fall Leadership
- Hosted **18** participants at the State Leadership Event

CTE Spotlights



Caylee Gaskill

Through the Bridge Program at **Clay County High School,** Caylee is earning industry certification while still in high school. She says the program has boosted her confidence and helped define her career goals. Recently featured in the University of Minnesota's College of Education and Human Development magazine, Caylee describes her welding credentials as a dream come true.



Building Maintenance and Operations Program

Students in **Musselman High School's** Building and Maintenance class recently restored a World War II Ford Willys military Jeep for a school community member. In just one week, they sanded, welded, built a paint booth, and refinished the vehicle while applying safety practices and real-world problem-solving skills.

CTSO

HOSA - Future Health Professionals



HOSA-Future Health Professionals is dedicated to promoting career opportunities in the healthcare industry and enhancing the delivery of quality healthcare to all people. It provides students with leadership training, professional development, and opportunities to participate in competitive events, community service, and networking with health professionals.

During the 2025–2026 school year, HOSA:

- HOSA reached **757** members across 22 counties
  - **704** students
  - **53** advisors
- Celebrated **97** first-place student wins
- Engaged **120** members at Fall Leadership
- Hosted **529** participants at the State Leadership Event

CTSO

Future Farmers of America



Future Farmers of America (FFA) prepares students for leadership, personal growth, and career success in agriculture and related industries. FFA engages students through hands-on learning, competitions, community service, and leadership development opportunities. Members gain practical skills in areas such as animal and plant science, agribusiness, environmental stewardship, and agricultural technology. FFA also emphasizes critical life skills—communication, teamwork, problem-solving, and decision-making—while fostering responsibility, civic engagement, and career readiness.

During the 2025–2026 school year, FFA:

- FFA reached **7,215** total members across 93 schools
  - **7,175** students
  - **116** advisors
- Celebrated **70** first-place student finishes
- Engaged **2,025** students at Fall Leadership
- Hosted **620** participants at the State Leadership Event

CTSO

Technology Student Association

Technology Student Association (TSA) engages students in science, technology, engineering, and math (STEM) through competitions, intra-curricular activities, leadership opportunities, and community service. TSA aims to cultivate leadership, academic excellence, and business skills while preparing students for the workforce. Students can compete in events covering a wide range of interests, architecture, communications, engineering, and technology research. Beyond competitions, TSA promotes personal growth and career exploration in STEM fields, equipping students with the skills needed for future success.

During the 2025–2026 school year, TSA:

- TSA served **3,952** members statewide
  - **3,929** students
  - **23** advisors
- Earned **63** first-place student awards
- Engaged **105** members at Fall Leadership
- Hosted **221** participants at the State Leadership Event

CTSO

SkillsUSA

SkillsUSA is dedicated to preparing students to be world-class workers, leaders, and responsible citizens. By connecting classroom learning with real-world experiences, SkillsUSA strengthens CTE and builds strong partnerships between education and industry.

Through hands-on training and competitive opportunities, students develop technical expertise that aligns with industry standards, making them highly employable and career ready. Just as importantly, SkillsUSA emphasizes leadership development. Students grow their skills in communication, teamwork, and problem-solving—qualities essential for success in both their professions and communities.

During the 2025–2026 school year, SkillsUSA:

- SkillsUSA reached **6,688** total members across all 55 counties
  - **6,322** students
  - **366** advisors
- Celebrated **226** first-place student winners
- Brought together **1,815** participants at Fall Leadership and the State Leadership Events

CAREERTECHWV

Programs

End-of-Year Data Overview

Participant data includes any student who takes a CTE course, even if the school is not officially offering the full program of study. These counts have been refined to show unique student participation within each program of study.

Concentrator data may show the same student in multiple programs of study because several programs share common courses.

Test Taken data may appear across multiple programs of study since many programs of study use the same technical assessment.

The Completer count does not always match the number of students who take a test this year. Some students may have taken the technical assessment in the previous year but are only counted as completers once they have met the indicator criteria. Students may also be counted in more than one program of study due to shared courses and assessments.

As more academic courses are integrated into CTE, additional students will be included in both the participant and concentrator counts. This integration also expands the number of educators shown in the endorsement data.

Educator Endorsement data is pulled based on the courses taught, not the program of study. This means any properly endorsed educator teaching a CTE course is included, regardless of whether the course is part of a program of study.

The school list reflects the programs of study that each school has self-identified as being offered.

The data featured in this book is based on the current policy program offerings.

Agriculture, Food and Natural Resources Cluster

AG0110 - Power, Structural, and Technical Systems

The Power, Structural, and Technical Systems program focuses on the engineering and technological aspects of agricultural and industrial systems. It covers areas such as agricultural machinery, power systems, structural design, and environmental control systems. Students learn about the design, operation, and maintenance of equipment and structures used in agriculture and related industries. The program also includes topics such as hydraulics, electrical systems, renewable energy, precision agriculture, and construction techniques.

Performance Indicators

1,489
Participants

1,029
Concentrators

130
Completers

93
Performance Tests Passed

53%
Performance Pass Rate

113
Teachers Properly Endorsed

93%
Endorsement Rate Among Teachers

Schools Offering Power, Structural, and Technical Systems

County	School
Barbour	Philip Barbour High School Complex
Berkeley	Hedgesville High School, Martinsburg High School, Musselman High School, Spring Mills High School
Cabell	Cabell Midland High School
Clay	Clay County High School
Doddridge	Doddridge County High School
Greenbrier	Greenbrier East High School, Greenbrier West High School
Hampshire	Hampshire Senior High School
Hardy	Moorefield High School
Harrison	Lincoln High School
Jackson	Ravenswood High School, Ripley High School
Jefferson	Jefferson High School, Washington High School
Lincoln	Lincoln County High School

County	School
Marshall	Cameron High School
Mason	Hannan Junior/Senior High School, Mason County Career Center
Mineral	Mineral County Technical Center
Monroe	James Monroe High School
Morgan	Berkeley Springs High School
Preston	Preston High School
Raleigh	Shady Spring High School
Randolph	Tygarts Valley Middle/High School
Roane	Roane County High School
Tucker	Tucker County High School
Tyler	Tyler Consolidated High School
Upshur	Buckhannon Upshur High School
Wetzel	Valley High School

Agriculture, Food and Natural Resources Cluster

AG0120 - Agribusiness Systems

The Agribusiness Systems program offers a diverse array of agricultural specializations including fundamentals in agriculture entrepreneurship, animal production, plant systems, food science, agricultural mechanics, forest management, and natural resources. These sciences of agriculture are combined with the principles of business management including economics, finance, marketing, and rural development. Students also gain experience in entrepreneurial and employment record keeping through a program called the Agriculture Experience Tracker which builds a resume and portfolio of their work both inside and outside of class.

Performance Indicators

2,350
Participants

1,559
Concentrators

488
Completers

429
Performance Tests Passed

64%
Performance Pass Rate

141
Teachers Properly Endorsed

92%
Endorsement Rate Among Teachers

Schools Offering Agribusiness Systems

County	School
Barbour	Philip Barbour High School Complex
Berkeley	Hedgesville High School, Martinsburg High School, Musselman High School, Spring Mills High School
Braxton	Braxton County High School
Cabell	Cabell Midland High School
Calhoun	Calhoun Middle/High School
Doddridge	Doddridge County High School
Gilmer	Gilmer County High School
Grant	Petersburg High School
Greenbrier	Greenbrier East High School, Greenbrier West High School
Hardy	East Hardy High School, Moorefield High School
Harrison	Robert C Byrd High School, South Harrison High School, United High School
Jackson	Ravenswood High School, Ripley High School
Lewis	Lewis County High School
Lincoln	Lincoln County High School
Marshall	John Marshall High School

County	School
Mason	Hannan Junior/Senior High School, Mason County Career Center
Mineral	Mineral County Technical Center
Monongalia	University High School
Morgan	Berkeley Springs High School
Nicholas	Nicholas County Career and Technical Center
Ohio	Wheeling Park High School
Pendleton	Pendleton County Middle/High School
Preston	Preston High School
Raleigh	Liberty High School, Shady Spring High School
Randolph	Tygarts Valley Middle/High School
Ritchie	Ritchie County High School
Roane	Roane County High School
Taylor	Grafton High School
Upshur	Buckhannon Upshur High School
Wayne	Tolsia High School, Wayne High School
Wetzel	Magnolia High School, Valley High School
Wood	Wood Co Voc Tech Ctr

Agriculture, Food and Natural Resources Cluster

AG0130 - Forest Industry

The Forest Industry program focuses on the fundamentals of forest and timber management. This program covers units in silviculture, ecology, sustainability, timber harvesting, forest health, forest equipment and technology usage, and safe forestry practices.

Performance Indicators

69 Participants	**10** Concentrators	**5** Completers	
6 Performance Tests Passed	**75%** Performance Pass Rate	**22** Teachers Properly Endorsed	**100%** Endorsement Rate Among Teachers

Schools Offering Forest Industry

County	School
Fayette	Fayette Institute of Technology
Pocahontas	Pocahontas County High School

Agriculture, Food and Natural Resources Cluster

AG0170 - Natural Resources Management

The Natural Resources Management program focuses on the sustainable management and conservation of natural resources, including water, soil, minerals, forests, and wildlife. Students learn about resource assessment, environmental impact analysis, and the implementation of conservation practices. The program also covers topics such as land use planning, renewable energy, and ecosystem management.

Performance Indicators

1,614
Participants

986
Concentrators

74
Completers

72
Performance Tests Passed

70%
Performance Pass Rate

123
Teachers Properly Endorsed

92%
Endorsement Rate Among Teachers

Schools Offering Natural Resource Management

County	School
Braxton	Braxton County High School
Cabell	Cabell Midland High School
Calhoun	Calhoun Middle/High School
Doddridge	Doddridge County High School
Hampshire	Hampshire Senior High School
Jackson	Ravenswood High School, Ripley High School
Jefferson	Jefferson High School, Washington High School
Kanawha	Carver Career and Technical Center
Lincoln	Lincoln County High School
Marion	Marion County Technical Center
Mineral	Mineral County Technical Center
Pocahontas	Pocahontas County High School
Putnam	Buffalo High School, Poca High School
Raleigh	Liberty High School, Shady Spring High School
Randolph	Elkins High School, Tygarts Valley Middle/High School
Summers	6-12 Summers County Comprehensive High School
Tyler	Tyler Consolidated High School
Upshur	Buckhannon Upshur High School
Wetzel	Magnolia High School, Valley High School

Agriculture, Food and Natural Resources Cluster

AG0210 - Plant Systems

The Plant Systems program covers topics of plant production, cultivation, management, biotechnology, environmental factors affecting plant growth, plant genetics, pest management, and fertilization. Students will gain hands-on experiences in labs including greenhouses and turf grass management areas. Students completing the program will be prepared for careers in crop production, horticulture, nursery landscaping, agribusiness, plant nutrition, and agriculture extension.

Performance Indicators

1,883
Participants

1,249
Concentrators

245
Completers

231
Performance Tests Passed

58%
Performance Pass Rate

114
Teachers Properly Endorsed

93%
Endorsement Rate Among Teachers

Schools Offering Plant Systems

County	School
Barbour	Philip Barbour High School Complex
Berkeley	Hedgesville High School, Martinsburg High School, Musselman High School, Spring Mills High School
Braxton	Braxton County High School
Cabell	Cabell Midland High School
Calhoun	Calhoun Middle/High School
Doddridge	Doddridge County High School
Gilmer	Gilmer County High School
Greenbrier	Greenbrier East High School, Greenbrier West High School
Hampshire	Hampshire Senior High School
Hardy	East Hardy High School, Moorefield High School
Harrison	Bridgeport High School, Liberty High School, Lincoln High School, Robert C Byrd High School, South Harrison High School, United High School
Jackson	Ravenswood High School, Ripley High School
Jefferson	Jefferson High School, Washington High School
Kanawha	Carver Career and Technical Center, Sissonville High School
Lincoln	Lincoln County High School

County	School
Marshall	Cameron High School
Mineral	Mineral County Technical Center
Mingo	Tug Valley High School
Monongalia	Clay-Battelle High School, University High School
Monroe	James Monroe High School
Ohio	Wheeling Park High School
Pleasants	St. Marys High School
Preston	Preston High School
Putnam	Poca High School
Raleigh	Liberty High School Shady Spring High School
Randolph	Tygarts Valley Middle/High School
Ritchie	Ritchie County High School
Roane	Roane County High School
Summers	6-12 Summers County Comprehensive High School
Taylor	Grafton High School
Tucker	Tucker County High School
Tyler	Tyler Consolidated High School
Upshur	Buckhannon Upshur High School
Wayne	Spring Valley High School, Tolsia High School, Wayne High School
Wetzel	Magnolia High School, Valley High School

Agriculture, Food and Natural Resources Cluster

AG0220 - Animal Systems

The Animal Systems program offers experience within animal production, management, nutrition, and reproduction. The program also covers topics of animal genetics, disease prevention and management, and animal welfare. Students will utilize a variety of problem-solving techniques and hands-on experiences that will equip them with skills needed in the animal husbandry and veterinary industries.

Performance Indicators

1,461
Participants

986
Concentrators

88
Completers

84
Performance Tests Passed

68%
Performance Pass Rate

119
Teachers Properly Endorsed

94%
Endorsement Rate Among Teachers

Schools Offering Animal Systems

County	School
Berkeley	Hedgesville High School, Musselman High School
Braxton	Braxton County High School
Cabell	Cabell Midland High School
Doddridge	Doddridge County High School
Greenbrier	Greenbrier East High School
Hampshire	Hampshire Senior High School
Jackson	Ravenswood High School, Ripley High School
Jefferson	Jefferson High School, Washington High School
Kanawha	Ben Franklin Career Center, Carver Career and Technical Center, Sissonville High School
Lincoln	Lincoln County High School
Marion	Marion County Technical Center
Mason	Hannan Junior/Senior High School, Mason County Career Center
Mineral	Mineral County Technical Center
Monroe	James Monroe High School
Ohio	Wheeling Park High School
Pocahontas	Pocahontas County High School
Preston	Preston High School
Raleigh	Shady Spring High School
Randolph	Tygarts Valley Middle/High School
Wetzel	Magnolia High School

Agriculture, Food and Natural Resources Cluster

AG0223 - Pet Grooming

The Pet Grooming program provides comprehensive training that covers the main segments of pet care including grooming, boarding, obedience, and behavior management. Students will maintain animal handling facilities, provide food and water, perform basic exams on pets, monitor vitals, maintain health records, and interact with pet owners concerning grooming needs and general health information.

Performance Indicators

59 Participants	**25** Concentrators	**20** Completers	
16 Performance Tests Passed	**80%** Performance Pass Rate	**3** Teachers Properly Endorsed	**100%** Endorsement Rate Among Teachers

Schools Offering Pet Grooming

County	School
Hampshire	Hampshire Senior High School
Kanawha	Ben Franklin Career Center

Agriculture, Food and Natural Resources Cluster

AG0230 - Animal Processing

The Animal Processing program equips students with skills in the wholesale and retail processing of livestock animals including beef, pork, and lamb. Students will gain skills in meat science, meat cutting, food safety, sanitation, regulatory compliance, and quality control. Students are prepared to enter careers within the food service industry, meat processing industry, and the department of agriculture.

Performance Indicators

1,305
Participants

873
Concentrators

69
Completers

41
Performance Tests Passed

52%
Performance Pass Rate

106
Teachers Properly Endorsed

94%
Endorsement Rate Among Teachers

Schools Offering Animal Processing

County	School
Cabell	Cabell Midland High School
Doddridge	Doddridge County High School
Gilmer	Gilmer County High School
Hampshire	Hampshire Senior High School
Harrison	South Harrison High School
Jackson	Ripley High School
Marion	Marion County Technical Center
Mason	Mason County Career Center
Monroe	James Monroe High School
Preston	Preston High School
Raleigh	Shady Spring High School
Roane	Roane County High School
Tyler	Tyler Consolidated High School
Wetzel	Magnolia High School, Valley High School

Architecture and Construction Cluster

AR1600 - Heating, Ventilation, and Air Conditioning Technician

The HVAC Technician provides students with foundational knowledge and technical skills required for the HVAC industry. This program focuses on piping practices, air distribution systems, heating systems, and cooling systems. Students will also learn how to troubleshoot gas heating and cooling systems, basic installation of systems, and maintenance of those systems. Overall, the HVAC program ensures students are well-prepared for careers in the HVAC industry by integrating real-world instruction, safety practices, and technology skills into the student's learning.

Performance Indicators

229
Participants

147
Concentrators

116
Completers

71
Performance Tests Passed

54%
Performance Pass Rate

9
Teachers Properly Endorsed

90%
Endorsement Rate Among Teachers

Schools Offering HVAC Technician

County	School
Cabell	Woody Williams Center
Doddridge	Doddridge County High School
Fayette	Fayette Institute of Technology
Kanawha	Ben Franklin Career Center
Logan	Ralph R Willis Career/Technical Center
Mason	Mason County Career Center
Putnam	Putnam Career and Technical Center
Raleigh	Academy of Careers and Technology
Upshur	Fred W Eberle Tech Center
Wayne	Wayne High School

Architecture and Construction Cluster

AR1720 - Computer Aided Drafting and Design

The Computer Aided Drafting and Design (CADD) program prepares students with the skills to create precise technical drawings and plans using advanced computer software. This program covers various aspects of drafting, including architectural, mechanical, and civil drafting, providing students with a strong foundation in design and engineering principles.

Performance Indicators

156
Participants

77
Concentrators

60
Completers

30
Performance Tests Passed

43%
Performance Pass Rate

10
Teachers Properly Endorsed

91%
Endorsement Rate Among Teachers

Schools Offering CADD

County	School
Fayette	Fayette Institute of Technology
Harrison	United Technical Center
Marshall	John Marshall High School
Pleasants	Mid-Ohio Valley Technical Institute
Raleigh	Academy of Careers and Technology
Wetzel	Wetzel County Technical Education Center
Wood	Caperton Center for Applied Technology
Wyoming	Wyoming County Career and Technical Center

Architecture and Construction Cluster

AR1760 - Electrical Technician

The Electrical Technician program equips students with the knowledge and hands-on skills needed for success in the electrical trades. Through a combination of classroom instruction and practical experience, students learn to install, maintain, and troubleshoot electrical systems in residential, commercial, and industrial settings. Upon successful completion of the program and fulfillment of requirements outlined in Policy 2520.13, students may be eligible to take the Journeyman Electrician License exam—giving them a direct pathway into a high-demand career field.

Performance Indicators

762
Participants

404
Concentrators

340
Completers

254
Performance Tests Passed

68%
Performance Pass Rate

30
Teachers Properly Endorsed

100%
Endorsement Rate Among Teachers

Schools Offering Electrical Technician

County	School
Berkeley	James Rumsey Technical Institute
Boone	Boone Career and Technical Center
Braxton	Braxton County High School
Brooke	Brooke High School
Cabell	Woody Williams Center
Clay	Clay County High School
Fayette	Fayette Institute of Technology
Grant	South Branch Career and Technical Center
Harrison	United Technical Center
Kanawha	Ben Franklin Career Center, Carver Career and Technical Center
Logan	Ralph R Willis Career/Technical Center
Marion	East Fairmont High School, Marion County Technical Center

County	School
Mason	Mason County Career Center
Monongalia	Monongalia County Technical Education Center
Nicholas	Nicholas County Career and Technical Center
Preston	Preston High School
Putnam	Putnam Career and Technical Center
Raleigh	Academy of Careers and Technology
Randolph	Randolph Technical Center
Upshur	Fred W Eberle Tech Center
Wetzel	Wetzel County Technical Education Center
Wood	Caperton Center for Applied Technology
Wyoming	Wyoming County Career and Technical Center

Architecture and Construction Cluster

AR 1800 - Building Maintenance and Operations



The Building Maintenance and Operations program equips students with essential knowledge and technical skills in building maintenance. Students explore basic safety, construction math, hand and power tools, construction drawings, as well as various employability skills. They receive hands-on experience in a variety of building maintenance skills including handling and placing concrete, framing walls and ceilings, and roof framing. In this program, students gain industry-relevant skills while integrating learning technology tools and skill sets to prepare them for careers in building maintenance and operation.

Performance Indicators

380
Participants

285
Concentrators

148
Completers

63
Performance Tests Passed

37%
Performance Pass Rate

18
Teachers Properly Endorsed

100%
Endorsement Rate Among Teachers

Schools Offering Building Maintenance and Operations

County	School
Berkeley	Hedgesville High School, Musselman High School
Boone	Boone Career and Technical Center
Cabell	Woody Williams Center
Grant	South Branch Career and Technical Center
Hampshire	Hampshire Senior High School
Lewis	Lewis County High School
Logan	Ralph R Willis Career/Technical Center
Marshall	John Marshall High School
Monongalia	Monongalia County Technical Education Center
Pleasants	Mid-Ohio Valley Technical Institute
Raleigh	Academy of Careers and Technology
Summers	6-12 Summers County Comprehensive High School
Taylor	Grafton High School
Wood	Parkersburg South High School, Williamstown High School
Wyoming	Wyoming County Career and Technical Center

Architecture and Construction Cluster

AR1820 - Carpentry

The Carpentry program focuses on building the knowledge base and technical skills in all aspects of the carpentry industry. Learners will be exposed to a broad range of construction careers and foundation knowledge including basic safety; plan reading; use of tools and equipment; basic rigging; and how to employ positive work ethics in their careers. Students will have the opportunity to earn relevant industry credentials.

Performance Indicators

857
Participants

570
Concentrators

419
Completers

210
Performance Tests Passed

47%
Performance Pass Rate

41
Teachers Properly Endorsed

100%
Endorsement Rate Among Teachers

Schools Offering Carpentry

County	School
Calhoun	Calhoun-Gilmer Career Center
Fayette	Fayette Institute of Technology
Grant	South Branch Career and Technical Center
Greenbrier	Greenbrier East High School, Greenbrier West High School
Hancock	John D. Rockefeller Career Center
Harrison	United Technical Center
Jackson	Roane-Jackson Technical Center
Kanawha	Ben Franklin Career Center Carver Career and Technical Center
Logan	Ralph R Willis Career/Technical Center
Marshall	John Marshall High School
Mercer	Mercer County Technical Education Center
Mineral	Mineral County Technical Center

County	School
Mingo	Mingo Central Comprehensive High School
Monongalia	Monongalia County Technical Education Center
Nicholas	Nicholas County Career and Technical Center
Ohio	Wheeling Park High School
Pleasants	Mid-Ohio Valley Technical Institute
Preston	Preston High School
Raleigh	Academy of Careers and Technology
Taylor	Grafton High School
Upshur	Fred W Eberle Tech Center
Wayne	Tolsia High School
Webster	Webster County High School
Wood	Wood Co Voc Center
Wyoming	Wyoming County Career and Technical Center

Architecture and Construction Cluster

AR1910 - Masonry



The Masonry program equips students with essential knowledge and technical skills necessary for the masonry industry. The program follows a structured approach, progressing from fundamental skills to advanced masonry techniques with a strong emphasis on hands-on learning, safety, and real-world applications. Students will explore materials handling, measurements, mortar preparation and application, grouting techniques, reinforcement techniques, and moisture control techniques. Precision and craftsmanship are emphasized to meet industry standards. The program provides students with practical learning opportunities while developing problem-solving techniques to ensure they are prepared for a successful career in the masonry industry.

Performance Indicators

78
Participants

66
Concentrators

44
Completers

32
Performance Tests Passed

71%
Performance Pass Rate

4
Teachers Properly Endorsed

80%
Endorsement Rate Among Teachers

Schools Offering Masonry

County	School
Berkeley	James Rumsey Technical Institute
Clay	Clay County High School
Harrison	United Technical Center
Mercer	Mercer County Technical Education Center
Putnam	Putnam Career and Technical Center

Architecture and Construction Cluster

AR2140 - Plumbing



The Plumbing program provides students with foundational knowledge and technical skills essential to the plumbing industry. The course covers a range of topics, including the use of plumbing tools, plumbing math, and plumbing drawings. Students will learn about various materials and fittings, such as plastic, copper, cast iron, carbon steel, and corrugated stainless steel tubing. Additionally, the course introduces key systems in plumbing, including drain, waste, and vent (DWV) systems and water distribution systems. Through problem-solving exercises and hands-on activities, students will gain practical experience and a thorough understanding of these concepts.

Performance Indicators

101
Participants

95
Concentrators

78
Completers

51
Performance Tests Passed

65%
Performance Pass Rate

7
Teachers Properly Endorsed

100%
Endorsement Rate Among Teachers

Schools Offering Plumbing

County	School
Doddridge	Doddridge County High School
Kanawha	Carver Career and Technical Center
Mercer	Mercer County Technical Education Center
Monongalia	Monongalia County Technical Education Center
Putnam	Putnam Career and Technical Center
Raleigh	Academy of Careers and Technology
Wood	Parkersburg High School

Arts, A/V Technology and Communications Cluster

AV1680 - Broadcasting Technology

The Broadcasting Technology program provides knowledge development and training in radio and television broadcasting, emphasizing broadcasting fundamentals, equipment operation, and on-air presentation techniques. Students promote career readiness, refine job-seeking strategies, and uphold ethical standards crucial for success in broadcasting. They gain practical experience in conducting live or simulated broadcasts, covering news, and managing production. Exploring how to write for television news, conduct interviews, and master advanced production techniques using cutting-edge equipment, students prepare for fields in Broadcasting.

Performance Indicators

240
Participants

169
Concentrators

98
Completers

78
Performance Tests Passed

77%
Performance Pass Rate

11
Teachers Properly Endorsed

58%
Endorsement Rate Among Teachers

Schools Offering Broadcasting Technology

County	School
Berkeley	Martinsburg High School, Musselman High School
Grant	South Branch Career and Technical Center
Harrison	Robert C Byrd High School
Kanawha	Nitro High School
Lewis	Lewis County High School
Marion	Marion County Technical Center
Marshall	John Marshall High School
Monongalia	University High School
Ohio	Wheeling Park High School
Wayne	Tolsia High School
Wyoming	Wyoming County Career and Technical Center

Arts, A/V Technology and Communications Cluster

AV1684 - Multimedia Publishing



The Multimedia Publishing program equips students with essential skills for visual communication. Using digital cameras and professional software, students create print and web publications, covering page layout, desktop publishing, and digital publishing. They explore digital imaging, focusing on photojournalism and advertising photography, mastering DSLR and mirrorless cameras, and key functions like shutter speed, aperture, and exposure. Through hands-on projects, students apply design principles to capture compelling images. The program also covers multimedia production, including videography, video editing, and motion graphics, and introduces cross-media publishing using blogging, video sharing, and social media for journalism and marketing.

Performance Indicators

245 Participants	**152** Concentrators	**59** Completers	
60 Performance Tests Passed	**75%** Performance Pass Rate	**20** Teachers Properly Endorsed	**57%** Endorsement Rate Among Teachers

Schools Offering Multimedia Publishing

County	School
Berkeley	Hedgesville High School, Martinsburg High School, Musselman High School, Spring Mills High School
Fayette	Fayette Institute of Technology
Hancock	John D. Rockefeller Career Center
Kanawha	Capital High School, Nitro High School, Sissonville High School
Ohio	Wheeling Park High School
Pleasants	Mid-Ohio Valley Technical Institute
Putnam	Poca High School
Roane	Roane County High School
Wyoming	Wyoming County Career and Technical Center

Arts, A/V Technology and Communications Cluster

AV1690 - Social Journalism



The Social Journalism program equips students with the skills to gather, create, and share news and information that serves diverse communities. Blending traditional journalism principles with modern digital media tools, students learn to research, report, write, and produce content for various platforms, including social media, podcasts, blogs, and video. The program emphasizes ethical reporting, audience engagement, and the role of journalism in a democratic society, preparing students for careers in media, communications, and public affairs.

Performance Indicators

8,329 Participants	**2,588** Concentrators	**20** Completers	
7 Performance Tests Passed	**100%** Performance Pass Rate	**262** Teachers Properly Endorsed	**88%** Endorsement Rate Among Teachers

Schools Offering Social Journalism

County	School
Berkeley	Hedgesville High School, Martinsburg High School, Musselman High School, Spring Mills High School
Jefferson	Jefferson High School, Washington High School
Kanawha	Capital High School, George Washington High School, Nitro High School, Sissonville High School, South Charleston High School
Lincoln	Lincoln County High School
Ohio	Wheeling Park High School

Arts, A/V Technology and Communications Cluster

AV1840 - Graphic Design and Illustration



The Graphic Design and Illustration program introduces students to the creative and technical aspects of visual communication. Through hands-on projects and industry-standard software, students learn design principles, typography, digital illustration, branding, and layout design. The program prepares students for careers in graphic design, advertising, digital media, and related fields, while fostering creativity, problem-solving, and professional design skills.

Performance Indicators

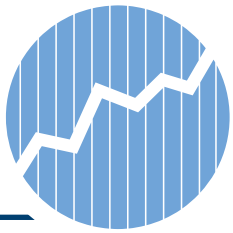
347 Participants	**219** Concentrators	**128** Completers	
54 Performance Tests Passed	**83%** Performance Pass Rate	**52** Teachers Properly Endorsed	**96%** Endorsement Rate Among Teachers

Schools Offering Graphic Design and Illustration

County	School
Calhoun	Calhoun Middle/High School
Kanawha	Carver Career and Technical Center, Herbert Hoover High School
Lincoln	Lincoln County High School
Mason	Mason County Career Center
Mercer	Mercer County Technical Education Center
Monongalia	Monongalia County Technical Education Center
Nicholas	Nicholas County Career and Technical Center
Pleasants	Mid-Ohio Valley Technical Institute
Wetzel	Wetzel County Technical Education Center

Business Management and Administration Cluster

BM0510 - Career and Work Skills Training (CWST)



The Career and Work Skills Training program provides students with essential skills and knowledge to thrive in professional settings. Through classroom sessions, interactive lectures, practical exercises, and work experiences, students develop competencies critical for success in various career paths and actively seek employment or on-the-job training opportunities. This comprehensive program ensures students are well-prepared for diverse professional environments by integrating academic knowledge with practical skills and real-world experiences. Students gain the confidence and competencies needed to pursue successful careers and effectively meet workplace demands.

Performance Indicators

1,448
Participants

1,823
Concentrators

1,385
Completers

1,064
Performance Tests Passed

69%
Performance Pass Rate

44
Teachers Properly Endorsed

88%
Endorsement Rate Among Teachers

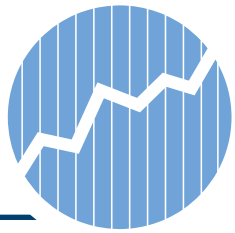
Schools Offering CWST

County	School
Barbour	Philip Barbour High School Complex
Berkeley	Hedgesville High School, Martinsburg High School, Musselman High School, Pikeside Transitional School Spring Mills High School
Boone	Boone Career and Technical Center
Braxton	Braxton County High School
Cabell	Huntington High School
Calhoun	Calhoun-Gilmer Career Center
Gilmer	Gilmer County High School
Grant	South Branch Career and Technical Center
Hampshire	Hampshire Senior High School
Hardy	East Hardy High School, Moorefield High School
Harrison	Lincoln High School, Robert C Byrd High School United High School, United Technical Center
Jackson	Ravenswood High School, Ripley High School, Roane-Jackson Technical Center
Jefferson	Jefferson High School, Washington High School

County	School
Kanawha	Ben Franklin Career Center, Capital High School, George Washington High School, Kanawha Virtual School, Riverside High School, Saint Albans High School, Sissonville High School, South Charleston High School
Lewis	Lewis County High School
Marion	East Fairmont High School, North Marion High School
Mercer	Mercer County Technical Education Center, Princeton Senior High School
Monongalia	Monongalia County Technical Education Center
Morgan	Berkeley Springs High School
Nicholas	Nicholas County Career and Technical Center
Putnam	Hurricane High School, Putnam Career and Technical Center
Summers	6-12 Summers County Comprehensive High School
Upshur	Buckhannon Upshur High School, Fred W Eberle Tech Center
Virtual	Virtual Preparatory Academy of West Virginia

Business Management and Administration Cluster

BM1960 - E-Commerce



The E-Commerce program provides students with a comprehensive pathway to develop the knowledge and skills needed to succeed in the dynamic world of online business. Through a sequence of courses, students explore e-commerce leadership, professional development, business law, marketing and sales, product development, website design, business operations, project management, finance, risk management, and consumer behavior. Through hands-on, authentic learning experiences, students develop problem-solving, communication, technology, leadership, and employability skills while gaining practical experience in the planning, development, and management of e-commerce ventures. This program prepares students to navigate the evolving digital marketplace and pursue careers in e-commerce, entrepreneurship, business management, marketing, and related fields.

Performance Indicators

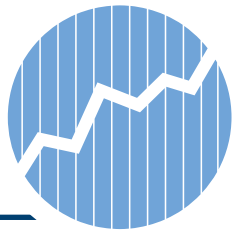
24 Participants	**11** Concentrators	**0** Completers	
0 Performance Tests Passed	**0%** Performance Pass Rate	**3** Teachers Properly Endorsed	**100%** Endorsement Rate Among Teachers

Schools Offering Business Enterprise

County	School
Mercer	Pikeview High School, Princeton Senior High School

Business Management and Administration Cluster

BM1950 - Entrepreneurship and Innovation



The Entrepreneurship program provides students with a comprehensive pathway to develop and launch successful ventures through a series of courses designed to cultivate entrepreneurial skills and knowledge. Through this program, students gain practical skills, knowledge, and confidence to develop and launch successful entrepreneurial ventures, ensuring they are well-prepared to navigate the complexities of starting and managing a business in today's competitive landscape.

Performance Indicators

354
Participants

66
Concentrators

25
Completers

12
Performance Tests Passed

44%
Performance Pass Rate

36
Teachers Properly Endorsed

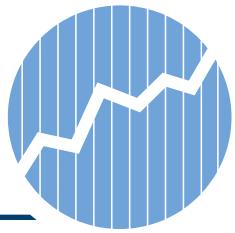
82%
Endorsement Rate Among Teachers

Schools Offering Entrepreneurship

County	School
Braxton	Braxton County High School
Cabell	Woody Williams Center
Doddridge	Doddridge County High School
Hardy	Moorefield High School
Lewis	Lewis County High School
Mercer	Pikeview High School
Mineral	Mineral County Technical Center
Ohio	Wheeling Park High School
Wirt	Wirt County High School

Business Management and Administration Cluster

BM1965 - Business Enterprise



The Business Enterprise program introduces students to the core principles of business ownership and entrepreneurship. Students explore topics such as business planning, marketing, finance, management, and customer service. Through hands-on projects and real-world simulations, they develop the skills needed to launch and operate a small business. The program prepares students for further education or entry-level careers in business, management, or entrepreneurship.

Performance Indicators

3,660
Participants

1,574
Concentrators

211
Completers

194
Performance Tests Passed

83%
Performance Pass Rate

200
Teachers Properly Endorsed

88%
Endorsement Rate Among Teachers

Schools Offering Business Enterprise

County	School
Barbour	Philip Barbour High School Complex
Berkeley	Spring Mills High School
Cabell	Huntington High School, Woody Williams Center
Clay	Clay County High School
Fayette	Fayette Institute of Technology
Greenbrier	Greenbrier East High School, Greenbrier West High School
Hancock	Oak Glen High School, Weir High School
Hardy	Moorefield High School
Harrison	Lincoln High School, Robert C Byrd High School, United High School
Jefferson	Jefferson High School, Washington High School
Kanawha	Capital High School, Herbert Hoover High School, Saint Albans High School
Lewis	Lewis County High School
Logan	Chapmanville Regional High School, Logan Senior High School, Man Senior High School
Marion	East Fairmont High School, Fairmont Senior High School, North Marion High School
Marshall	Cameron High School, John Marshall High School
Mason	Mason County Career Center, Wahama Junior/Senior High School
Mercer	Bluefield High School, Pikeview High School, Princeton Senior High School
Mineral	Frankfort High School, Mineral County Technical Center
Mingo	Mingo Central Comprehensive High School, Tug Valley High School
Monroe	James Monroe High School
Morgan	Berkeley Springs High School
Pendleton	Pendleton County Middle/High School
Pocahontas	Pocahontas County High School
Preston	Preston High School
Putnam	Winfield High School
Raleigh	Independence High School, Shady Spring High School, Woodrow Wilson High School
Randolph	Randolph Technical Center, Tygarts Valley Middle/High School
Taylor	Grafton High School
Tyler	Tyler Consolidated High School
Upshur	Buckhannon Upshur High School
Virtual	Virtual Preparatory Academy of West Virginia
Webster	Webster County High School
Wetzel	Magnolia High School, Valley High School
Wirt	Wirt County High School
Wood	Parkersburg High School Parkersburg South High School Williamstown High School

Education and Training

ED1320 - Early Childhood Classroom Assistant Teacher (ECCAT)

The Early Childhood Education Classroom Assistant Teacher (ECCAT) program prepares students to work as assistant teachers in early childhood classrooms. Students will gain specialized knowledge and skills essential for supporting young children's cognitive, social, emotional, and physical development. In addition, students will learn essential tools and strategies for teaching foundational math, language, and literacy concepts to young learners. Through engaging coursework and hands-on field experiences, students will be well-equipped to support lead teachers in classrooms ranging from Pre-K through 3rd grade.

Performance Indicators

407
Participants

269
Concentrators

172
Completers

172
Performance Tests Passed

96%
Performance Pass Rate

26
Teachers Properly Endorsed

96%
Endorsement Rate Among Teachers

Schools Offering ECCAT

County	School
Berkeley	James Rumsey Technical Institute
Brooke	Brooke High School
Cabell	Huntington High School
Greenbrier	Greenbrier East High School
Hancock	John D. Rockefeller Career Center
Jackson	Roane-Jackson Technical Center
Kanawha	Ben Franklin Career Center Capital High School
Lincoln	Lincoln County High School
Logan	Man Senior High School
Mineral	Mineral County Technical Center
Monongalia	Monongalia County Technical Education Center
Monroe	James Monroe High School
Nicholas	Nicholas County Career and Technical Center
Pendleton	Pendleton County Middle/High School
Preston	Preston High School
Raleigh	Independence High School
Summers	6-12 Summers County Comprehensive High School
Upshur	Buckhannon Upshur High School
Wayne	Wayne High School

Finance Cluster

FI1420 - Financial Management

The Financial Management program equips students with the knowledge and skills to manage personal and business finances effectively. Students learn about budgeting, banking, investing, credit, financial planning, and the role of financial institutions. The program also introduces concepts of accounting, insurance, and risk management. With a focus on real-world applications, students are prepared for further education or careers in finance, accounting, banking, and related fields.

Performance Indicators

613	**262**	**29**	
Participants	Concentrators	Completers	
19	**59%**	**71**	**96%**
Performance Tests Passed	Performance Pass Rate	Teachers Properly Endorsed	Endorsement Rate Among Teachers

Schools Offering Financial Management

County	School
Berkeley	Martinsburg High School
Gilmer	Gilmer County High School
Greenbrier	Greenbrier East High School
Hancock	Oak Glen High School, Weir High School
Jackson	Ravenswood High School, Ripley High School
Kanawha	Herbert Hoover High School, Saint Albans High School
Mercer	Pikeview High School, Princeton Senior High School
Mineral	Mineral County Technical Center
Preston	Preston High School
Raleigh	Independence High School, Shady Spring High School, Woodrow Wilson High School
Upshur	Buckhannon Upshur High School

Government and Public Administration Cluster

GO1070 - JROTC



The JROTC program is offered to high school students and is intended to instruct cadets in character education, student achievement, wellness, leadership, and diversity. JROTC is a cooperative effort between the Department of Defense (DoD) and the high schools to produce successful students and citizens, while fostering in each school a more constructive and disciplined learning environment. (DoDI 1205.13 - 5.2.5.1. Student presenting evidence of successful completion of at least two academic years of the JROTC program under any Military Department is entitled to advanced promotion to the grade of no less than E-2 on initial enlistment in an Active or Reserve component of a Military Service. At their discretion, the Military Departments may award the grade of E-3 for successful completion of three academic years of the JROTC program.)

Performance Indicators

658
Participants

647
Concentrators

335
Completers

294
Performance Tests Passed

84%
Performance Pass Rate

61
Teachers Properly Endorsed

98%
Endorsement Rate Among Teachers

Schools Offering JROTC

County	School
Berkeley	Martinsburg High School
Cabell	Cabell Midland High School, Huntington High School
Fayette	Fayette Institute of Technology
Greenbrier	Greenbrier East High School
Harrison	Lincoln High School
Harrison	Robert C Byrd High School
Jefferson	Jefferson High School
Kanawha	Capital High School, George Washington High School, Nitro High School, Riverside High School, Saint Albans High School, Sissonville High School, South Charleston High School

County	School
Lewis	Lewis County High School
Lincoln	Lincoln County High School
Mercer	Montcalm High School, Pikeview High School
Nicholas	Nicholas County High School
Preston	Preston High School
Raleigh	Woodrow Wilson High School
Wayne	Tolsia High School, Wayne High School
Webster	Webster County High School

Health Science Cluster

HE0700 - Dental Assisting



The Dental Assisting program is designed to prepare students for careers in dental health care. This comprehensive program offers training in dental procedures, patient care, dental office management, and infection control. Through hands-on experience, technical skills development, and industry certifications, students are equipped for immediate entry into the dental workforce or further education in dental health fields.

Performance Indicators

75 Participants	**60** Concentrators	**61** Completers	
45 Performance Tests Passed	**69%** Performance Pass Rate	**6** Teachers Properly Endorsed	**100%** Endorsement Rate Among Teachers

Schools Offering Dental Assisting

County	School
Kanawha	Carver Career and Technical Center
Marshall	John Marshall High School
Mercer	Mercer County Technical Education Center
Monongalia	Monongalia County Technical Education Center
Putnam	Putnam Career and Technical Center
Raleigh	Academy of Careers and Technology

Health Science Cluster

HE0715 - Allied Health

The Allied Health program provides students with an opportunity to explore careers dedicated to improving patients' health. Health professionals in this field work directly with patients, offering care, treatment, and health education. This program equips students with essential skills that can lead to entry-level certifications and prepares them for further education in a postsecondary environment.

Performance Indicators

1,434
Participants

1,197
Concentrators

217
Completers

172
Performance Tests Passed

99%
Performance Pass Rate

91
Teachers Properly Endorsed

93%
Endorsement Rate Among Teachers

Schools Offering Allied Health

County	School
Boone	Boone Career and Technical Center
Cabell	Cabell Midland High School
Calhoun	Calhoun-Gilmer Career Center
Clay	Clay County High School
Fayette	Fayette Institute of Technology
Greenbrier	Greenbrier East High School
Hampshire	Hampshire Senior High School
Harrison	United Technical Center
Kanawha	Ben Franklin Career Center
Monongalia	Monongalia County Technical Education Center
Pleasants	Mid-Ohio Valley Technical Institute
Preston	Preston High School
Putnam	Putnam Career and Technical Center
Raleigh	Academy of Careers and Technology
Tucker	Tucker County High School
Upshur	Fred W Eberle Tech Center
Wood	Wood Co Voc Tech Ctr

Health Science Cluster

HE0723 - Therapeutic Services

The Therapeutic Services program provides students with an in-depth exploration of careers aimed at improving patient health over time. Health professionals within this field work directly with patients to deliver care, treatment, counseling, and health education. This program equips students with the knowledge and skills necessary to succeed in various health care roles, emphasizing hands-on experience, certifications, and real-world learning opportunities.

Performance Indicators

1,748
Participants

1,176
Concentrators

659
Completers

673
Performance Tests Passed

99%
Performance Pass Rate

91
Teachers Properly Endorsed

94%
Endorsement Rate Among Teachers

Schools Offering Therapeutic Services

County	School
Barbour	Philip Barbour High School Complex
Berkeley	James Rumsey Technical Institute, Martinsburg High School, Spring Mills High School
Boone	Boone Career and Technical Center
Braxton	Braxton County High School
Brooke	Brooke High School
Cabell	Cabell Midland High School, Huntington High School
Calhoun	Calhoun-Gilmer Career Center
Clay	Clay County High School
Fayette	Fayette Institute of Technology
Grant	South Branch Career and Technical Center
Greenbrier	Greenbrier East High School
Hampshire	Hampshire Senior High School
Hancock	John D. Rockefeller Career Center
Harrison	United Technical Center
Jackson	Ripley High School, Roane-Jackson Technical Center
Jefferson	Jefferson High School, Washington High School
Kanawha	Ben Franklin Career Center, Carver Career and Technical Center
Lincoln	Lincoln County High School
Logan	Ralph R Willis Career/Technical Center
Marion	Marion County Technical Center
Marshall	John Marshall High School
Mason	Mason County Career Center
McDowell	McDowell Career and Technology Center
Mercer	Mercer County Technical Education Center
Mineral	Mineral County Technical Center
Mingo	Mingo Central Comprehensive High School, Tug Valley High School
Monongalia	Monongalia County Technical Education Center, Morgantown High School, University High School
Monroe	James Monroe High School
Nicholas	Nicholas County Career and Technical Center
Pleasants	Mid-Ohio Valley Technical Institute
Preston	Preston High School
Putnam	Putnam Career and Technical Center
Raleigh	Academy of Careers and Technology
Randolph	Randolph Technical Center
Summers	6-12 Summers County Comprehensive High School
Taylor	Grafton High School
Tucker	Tucker County High School
Upshur	Fred W Eberle Tech Center
Wayne	Spring Valley High School, Tolsia High School, Wayne High School
Webster	Webster County High School
Wood	Wood Co Voc Tech Ctr
Wyoming	Wyoming County Career & Technical Center

Health Science Cluster

HE0780 - Biomedical Science

The Biomedical Science program allows students to investigate the roles of biomedical professionals as they study the concepts of human medicine, physiology, genetics, microbiology, and public health. Students engage in activities like investigating the death of a fictional person to learn content in the context of real-world cases. They examine the structures and interactions of human body systems and explore the prevention, diagnosis, and treatment of disease, all while working collaboratively to understand and design solutions to the most pressing health challenges of today and the future.

Performance Indicators

143
Participants

72
Concentrators

55
Completers

34
Performance Tests Passed

59%
Performance Pass Rate

11
Teachers Properly Endorsed

79%
Endorsement Rate Among Teachers

Schools Offering Biomedical Science

County	School
Brooke	Brooke High School
Kanawha	Nitro High School
Marshall	John Marshall High School
Monroe	James Monroe High School
Putnam	Buffalo High School, Poca High School
Wayne	Wayne High School

Health Science Cluster

HE0800 - Sports Medicine

The Sports Medicine program equips students for dynamic and rewarding careers in sports medicine. This comprehensive program provides an in-depth exploration of sports medicine principles, encompassing injury prevention, assessment, treatment, and rehabilitation. Through a blend of theoretical knowledge and practical application, students will develop the skills necessary to excel in various sports medicine professions.

Performance Indicators

109	**83**	**79**	
Participants	Concentrators	Completers	
40	**47%**	**8**	**100%**
Performance Tests Passed	Performance Pass Rate	Teachers Properly Endorsed	Endorsement Rate Among Teachers

Schools Offering Sports Medicine

County	School
Cabell	Cabell Midland High School Huntington High School
Jackson	Ripley High School
Kanawha	Carver Career and Technical Center
Tyler	Tyler Consolidated High School
Upshur	Fred W Eberle Tech Center
Wayne	Spring Valley High School
Wood	Caperton Center for Applied Technology

Health Science Cluster

HE1010 - Advanced Medical Preparedness

The Advanced Medical Preparedness program is designed for students planning to pursue a healthcare degree in college. This comprehensive program focuses on the universal fundamentals of healthcare, providing a solid foundation for future academic and professional success in the medical field. Students will gain in-depth knowledge and essential skills through a series of specialized courses, preparing them for the rigors of higher education and the demands of healthcare professions.

Performance Indicators

1,794
Participants

1,192
Concentrators

318
Completers

283
Performance Tests Passed

98%
Performance Pass Rate

148
Teachers Properly Endorsed

82%
Endorsement Rate Among Teachers

Schools Offering Advanced Medical Preparedness

County	School
Barbour	Philip Barbour High School Complex
Clay	Clay County High School
Jackson	Ripley High School
Kanawha	Ben Franklin Career Center
Logan	Ralph R Willis Career/Technical Center
Monongalia	Monongalia County Technical Education Center
Nicholas	Nicholas County Career and Technical Center
Pleasants	Mid-Ohio Valley Technical Institute
Raleigh	Academy of Careers and Technology
Virtual	Virtual Preparatory Academy of West Virginia
Wyoming	Wyoming County Career and Technical Center

Hospitality and Tourism Cluster

HO1010 - ProStart Restaurant Management



ProStart is a nationwide high school program developed by the National Restaurant Association Educational Foundation (NRAEF) that provides students with comprehensive training in culinary arts and restaurant management. Students learn essential skills such as knife techniques, food safety protocols, menu planning, and kitchen management through hands-on experience and classroom instruction. The program also emphasizes teamwork, customer service, and the opportunity to earn industry-recognized certifications, preparing students for successful careers in the hospitality industry.

Performance Indicators

907
Participants

503
Concentrators

351
Completers

317
Performance Tests Passed

83%
Performance Pass Rate

55
Teachers Properly Endorsed

96%
Endorsement Rate Among Teachers

Schools Offering ProStart Restaurant Management

County	School
Barbour	Philip Barbour High School Complex
Berkeley	James Rumsey Technical Institute
Boone	Boone Career and Technical Center
Cabell	Cabell Midland High School, Huntington High School
Calhoun	Calhoun-Gilmer Career Center
Doddridge	Doddridge County High School
Fayette	Fayette Institute of Technology
Greenbrier	Greenbrier East High School
Hampshire	Hampshire Senior High School
Hancock	John D. Rockefeller Career Center
Hardy	East Hardy High School
Harrison	Robert C Byrd High School
Jackson	Roane-Jackson Technical Center
Jefferson	Jefferson High School
Kanawha	Carver Career and Technical Center, Saint Albans High School

County	School
Lincoln	Lincoln County High School
Logan	Ralph R Willis Career/Technical Center
Marion	Marion County Technical Center
Marshall	John Marshall High School
Mason	Mason County Career Center
McDowell	McDowell Career and Technology Center
Mercer	Mercer County Technical Education Center
Mineral	Mineral County Technical Center
Mingo	Mingo Central Comprehensive High School, Tug Valley High School
Monongalia	Monongalia County Technical Education Center
Nicholas	Nicholas County Career and Technical Center
Ohio	Wheeling Park High School
Pocahontas	Pocahontas County High School
Preston	Preston High School

County	School
Putnam	Putnam Career and Technical Center
Raleigh	Academy of Careers and Technology
Randolph	Randolph Technical Center
Summers	6-12 Summers County Comprehensive High School
Taylor	Grafton High School
Tucker	Tucker County High School
Upshur	Buckhannon Upshur High School
Wayne	Spring Valley High School, Tolsia High School
Wetzel	Wetzel County Technical Education Center
Wood	Wood Co Voc Tech Ctr
Wyoming	Wyoming County Career and Technical Center

Hospitality and Tourism Cluster

HO1015 - Baking and Pastry



The Baking and Pastry program gives high school students hands-on training in essential skills needed for a career in the baking and pastry industry. Students will learn about kitchen safety and sanitation, how to analyze ingredients, and master fundamental baking techniques. They will gain experience in making a variety of breads, decorating cakes, developing original recipes, and merchandising baked goods. This program provides a practical, real-world education that prepares students for immediate entry into the industry or postsecondary culinary education.

Performance Indicators

940
Participants

732
Concentrators

264
Completers

171
Performance Tests Passed

62%
Performance Pass Rate

41
Teachers Properly Endorsed

93%
Endorsement Rate Among Teachers

Schools Offering Baking and Pastry

County	School
Berkeley	Berkeley County Virtual Students, Hedgesville High School, Martinsburg High School, Musselman High School, Spring Mills High School
Cabell	Huntington High School
Calhoun	Calhoun-Gilmer Career Center
Clay	Clay County High School
Doddridge	Doddridge County High School
Hancock	John D. Rockefeller Career Center
Hardy	Moorefield High School
Harrison	Robert C Byrd High School, South Harrison High School
Jefferson	Washington High School
Kanawha	Carver Career and Technical Center, Saint Albans High School
Lewis	Lewis County High School
McDowell	McDowell Career and Technology Center

County	School
Mercer	Mercer County Technical Education Center
Mingo	Tug Valley High School
Monongalia	Clay-Battelle High School, Monongalia County Technical Education Center, Morgantown High School, University High School
Putnam	Putnam Career and Technical Center
Raleigh	Shady Spring High School, Woodrow Wilson High School
Taylor	Grafton High School
Tyler	Tyler Consolidated High School
Wetzel	Wetzel County Technical Education Center
Wood	Parkersburg High School, Parkersburg South High School, Williamstown High School
Wyoming	Wyoming County Career and Technical Center

Hospitality and Tourism Cluster

HO1220 - Tourism

The Tourism program introduces students to the dynamic world of travel, hospitality, and tourism management. Students explore key areas such as customer service, marketing, event planning, cultural awareness, and destination promotion. Through hands-on experiences and industry-based projects, students gain the skills needed for careers in travel agencies, hotels, resorts, tourism boards, and event management. The program also prepares students for further education in hospitality and tourism-related fields.

Performance Indicators

678
Participants

314
Concentrators

129
Completers

89
Performance Tests Passed

90%
Performance Pass Rate

54
Teachers Properly Endorsed

84%
Endorsement Rate Among Teachers

Schools Offering Tourism

County	School
Barbour	Philip Barbour High School Complex
Berkeley	Berkeley County Virtual Students, Hedgesville High School, Martinsburg High School, Musselman High School, Pikeside Transitional School, Spring Mills High School
Fayette	Fayette Institute of Technology
Grant	South Branch Career and Technical Center
Hampshire	Hampshire Senior High School
Hardy	Moorefield High School
Jefferson	Washington High School
Kanawha	Ben Franklin Career Center, Capital High School, South Charleston High School
Lewis	Lewis County High School
Lincoln	Lincoln County High School
Logan	Ralph R Willis Career/Technical Center
Mercer	Mercer County Technical Education Center
Mingo	Mingo Central Comprehensive High School
Tucker	Tucker County High School
Upshur	Buckhannon Upshur High School
Webster	Webster County High School
Wirt	Wirt County High School

Human Services Cluster

HU1038 - Sign-Language Translator

The Sign Language Translator program prepares students to communicate effectively using American Sign Language (ASL) and to support individuals who are Deaf or hard of hearing. Students develop fluency in ASL, learn about Deaf culture, and explore the fundamentals of interpretation and translation. The program emphasizes ethical standards, communication accuracy, and cultural competence. Graduates are prepared for further education or careers in interpreting, education, social services, and other fields that serve the Deaf community.

Performance Indicators

371
Participants

228
Concentrators

15
Completers

10
Performance Tests Passed

59%
Performance Pass Rate

83
Teachers Properly Endorsed

93%
Endorsement Rate Among Teachers

Schools Offering Sign-Language Translator

County	School
Greenbrier	Greenbrier West High School
Hampshire	Hampshire Senior High School
Jackson	Ripley High School

Human Services Cluster

HU2311 - Pre-Cosmetology

The Pre-Cosmetology program, regulated by the West Virginia Board of Barbers and Cosmetology, trains students in beauty treatments like hair styling, cutting, coloring, skincare, makeup application, manicuring, and nail enhancements. It offers specialized tracks in Aesthetics, Nail Technology, and Hair Styling, blending theoretical learning with practical skills. Students gain essential knowledge in sanitation, customer service, and business management, preparing them for careers in salons, spas, and related industries. Upon successful completion, students qualify to take the licensing exams in their chosen specialization.

Performance Indicators

361 Participants	**217** Concentrators	**116** Completers	
102 Performance Tests Passed	**85%** Performance Pass Rate	**19** Teachers Properly Endorsed	**95%** Endorsement Rate Among Teachers

Schools Offering Pre-Cosmetology

County	School
Boone	Boone Career and Technical Center
Braxton	Braxton County High School
Cabell	Woody Williams Center
Grant	South Branch Career and Technical Center
Harrison	United Technical Center
Jackson	Roane-Jackson Technical Center
Kanawha	Carver Career and Technical Center
McDowell	McDowell Career and Technology Center
Mercer	Mercer County Technical Education Center
Upshur	Fred W Eberle Tech Center
Wood	Wood Co Voc Tech Ctr
Wyoming	Wyoming County Career and Technical Center

Human Services Cluster

HU2330 - Social Services

The Social Services program offers an exploration of careers in the social services field, including required educational pathways. Students will learn about human behavior and development, mental health, family support systems, state laws and policies, ethical codes, and professional organizations. Through this program, students gain a comprehensive understanding of the social services landscape, complemented by hands-on experience through internships and job shadowing opportunities. This program prepares students for further education and careers dedicated to helping individuals and communities.

Performance Indicators

789 Participants	**145** Concentrators	**21** Completers	
14 Performance Tests Passed	**67%** Performance Pass Rate	**77** Teachers Properly Endorsed	**88%** Endorsement Rate Among Teachers

Schools Offering Social Services

County	School
Jackson	Ripley High School
Jefferson	Jefferson High School, Washington High School
Monroe	James Monroe High School
Raleigh	Liberty High School, Shady Spring High School
Randolph	Tygarts Valley Middle/High School
Roane	Roane County High School
Wood	Parkersburg High School

Information Technology Cluster

IT1450 - Information Management



The Information Management program equips students with the knowledge and skills to effectively manage and utilize information within organizations. Through a blend of theoretical concepts and practical applications, students will learn about information systems, database management, data analysis, and information security. Key topics include information governance, data modeling, business intelligence, and emerging technologies in information management. Emphasis is placed on understanding the role of information in decision-making processes, optimizing information workflows, and ensuring data integrity and confidentiality. This program prepares students for careers as information managers, database administrators, data analysts, and information technology consultants, providing them with the expertise to support organizational efficiency and innovation through effective information management practices.

Performance Indicators

936
Participants

180
Concentrators

48
Completers

23
Performance Tests Passed

35%
Performance Pass Rate

76
Teachers Properly Endorsed

84%
Endorsement Rate Among Teachers

Schools Offering Information Management

County	School
Berkeley	Hedgesville High School, Martinsburg High School, Musselman High School, Spring Mills High School
Calhoun	Calhoun Middle/High School, Calhoun-Gilmer Career Center
Doddridge	Doddridge County High School
Greenbrier	Greenbrier East High School, Greenbrier West High School
Hancock	Oak Glen High School, Weir High School
Kanawha	George Washington High School, Saint Albans High School
Logan	Ralph R Willis Career/Technical Center
Monongalia	Monongalia County Technical Education Center
Raleigh	Independence High School, Woodrow Wilson High School
Upshur	Buckhannon Upshur High School
Virtual	Virtual Preparatory Academy of West Virginia
Wood	Parkersburg South High School
Wyoming	Wyoming County Career and Technical Center

Information Technology Cluster

IT1470 - Coding, AI, and Game Design

The Coding, AI, and Game Design program equips students with the foundational and advanced skills needed to thrive in the evolving world of technology and innovation. Through hands-on, project-based learning, students explore computer programming, artificial intelligence, and game development. The curriculum includes instruction in multiple coding languages, algorithm design, machine learning principles, user experience, and interactive media. Students will also gain experience with industry-standard tools and platforms, preparing them for further education or entry-level careers in software development, AI systems, and game design. Critical thinking, collaboration, and ethical technology use are emphasized throughout the program.

Performance Indicators

1,372 Participants	**347** Concentrators	**149** Completers	
58 Performance Tests Passed	**58%** Performance Pass Rate	**152** Teachers Properly Endorsed	**89%** Endorsement Rate Among Teachers

Schools Offering Coding, AI, and Game Design

County	School
Doddridge	Doddridge County High School
Jackson	Ripley High School, Roane-Jackson Technical Center
Jefferson	Jefferson High School, Washington High School
Kanawha	Ben Franklin Career Center, Riverside High School, Sissonville High School, South Charleston High School
Logan	Ralph R Willis Career/Technical Center
McDowell	McDowell Career and Technology Center
Mercer	Mercer County Technical Education Center
Pleasants	Mid-Ohio Valley Technical Institute
Raleigh	Academy of Careers and Technology
Taylor	Grafton High School
Upshur	Buckhannon Upshur High School
Wood	Parkersburg South High School
Wyoming	Wyoming County Career and Technical Center

Information Technology Cluster

IT1640 - CISCO Networking Academies

The CISCO Networking Academies program offers comprehensive training in networking technologies and prepares students for industry recognized CISCO certifications. Through a combination of theoretical learning and hands-on labs, students will gain proficiency in network design, installation, configuration, and troubleshooting. Key topics include TCP/IP protocols, LAN/WAN technologies, routing and switching, network security, and wireless networking. Emphasis is placed on practical skills development using CISCO networking equipment and simulation tools. This program equips students with the knowledge and expertise needed to design, manage, and secure networks in various industries. Graduates are prepared for careers as network administrators, system engineers, and network security specialists, ensuring they are well-equipped to meet the demands of the evolving field of networking technology.

Performance Indicators

42 Participants	**21** Concentrators	**18** Completers	
14 Performance Tests Passed	**64%** Performance Pass Rate	**4** Teachers Properly Endorsed	**100%** Endorsement Rate Among Teachers

Schools Offering CISCO Networking Academies

County	School
Berkeley	James Rumsey Technical Institute
Calhoun	Calhoun-Gilmer Career Center
Preston	Preston High School

Information Technology Cluster

IT1680 - Computer Systems Repair Technology

The Computer Systems Repair Technology program equips students with the essential skills and knowledge required to diagnose, repair, and maintain computer hardware and software systems. Through a blend of theoretical instruction and practical, hands-on training, students will learn to troubleshoot and resolve issues with various computer components, including motherboards, processors, memory, storage devices, and peripherals. The course also covers operating system installation and configuration, virus and malware removal, and basic networking. Emphasis is placed on developing problem-solving skills and understanding industry-standard tools and techniques.

Performance Indicators

228
Participants

151
Concentrators

107
Completers

38
Performance Tests Passed

34%
Performance Pass Rate

24
Teachers Properly Endorsed

100%
Endorsement Rate Among Teachers

Schools Offering Computer Systems Repair Technology

County	School
Fayette	Fayette Institute of Technology
Harrison	United Technical Center
Kanawha	Ben Franklin Career Center
Lincoln	Lincoln County High School
Marshall	John Marshall High School
Mercer	Mercer County Technical Education Center
Nicholas	Nicholas County Career and Technical Center
Pleasants	Mid-Ohio Valley Technical Institute
Raleigh	Academy of Careers and Technology

Information Technology Cluster

IT2215 - Computer Science



The Computer Science program provides a comprehensive foundation in the principles and practices of computing. Students will explore key areas including algorithms, data structures, programming languages, software engineering, and computer systems architecture. Through hands-on projects, coding assignments, and theoretical study, students will develop problem-solving skills, logical reasoning, and proficiency in programming. The program covers topics such as database management, artificial intelligence, cybersecurity, and web development, preparing students for diverse career opportunities in technology.

Performance Indicators

184
Participants

79
Concentrators

31
Completers

27
Performance Tests Passed

82%
Performance Pass Rate

57
Teachers Properly Endorsed

80%
Endorsement Rate Among Teachers

Schools Offering Computer Science

County	School
Brooke	Brooke High School
Jackson	Ravenswood High School, Ripley High School
Kanawha	George Washington High School, Nitro High School, Riverside High School, Sissonville High School
Marshall	John Marshall High School
Pocahontas	Pocahontas County High School
Putnam	Putnam Career and Technical Center
Wood	Caperton Center for Applied Technology

Law, Public Safety, Corrections and Security Cluster

LA1020 - Law and Public Safety



The Law and Public Safety program focuses on methods used by public safety leaders to protect a democratic society. The history and organization of the criminal justice system and issues relating to the administration and practice of law and public safety in a culturally diverse society are explored. Program specializations include Law Enforcement; Corrections; Strategic Security and Protection; and Courts and Legal System.

Performance Indicators

2,229
Participants

397
Concentrators

268
Completers

246
Performance Tests Passed

87%
Performance Pass Rate

184
Teachers Properly Endorsed

88%
Endorsement Rate Among Teachers

Schools Offering Law and Public Safety

County	School
Berkeley	James Rumsey Technical Institute
Braxton	Braxton County High School
Cabell	Woody Williams Center
Calhoun	Calhoun-Gilmer Career Center
Fayette	Fayette Institute of Technology
Grant	South Branch Career and Technical Center
Harrison	United Technical Center
Jackson	Roane-Jackson Technical Center
Kanawha	Ben Franklin Career Center
Lewis	Lewis County High School
Logan	Ralph R Willis Career/Technical Center
Marion	Marion County Technical Center
Mason	Mason County Career Center

County	School
Mercer	Mercer County Technical Education Center
Mineral	Mineral County Technical Center
Mingo	Mingo Central Comprehensive High School
Monongalia	Monongalia County Technical Education Center
Monroe	James Monroe High School
Nicholas	Nicholas County Career and Technical Center
Pleasants	Mid-Ohio Valley Technical Institute
Putnam	Putnam Career and Technical Center
Raleigh	Academy of Careers and Technology
Randolph	Randolph Technical Center
Wayne	Wayne High School
Wood	Caperton Center for Applied Technology
Wyoming	Wyoming County Career and Technical Center

Law, Public Safety, Corrections and Security Cluster

LA2200 - Emergency and Firefighting Management Services

The Emergency and Firefighting Management Services program is designed for students interested in pursuing careers in firefighting, emergency medical services (EMS), and industrial incident management. This program provides comprehensive training in emergency response techniques, fire suppression, medical care, and incident management. Students will gain hands-on experience, technical skills, and industry certifications, preparing them for immediate entry into the workforce or further education in emergency services.

Performance Indicators

101 Participants	**68** Concentrators	**57** Completers	
47 Performance Tests Passed	**78%** Performance Pass Rate	**6** Teachers Properly Endorsed	**100%** Endorsement Rate Among Teachers

Schools Offering Emergency and Firefighting Management Services

County	School
Berkeley	James Rumsey Technical Institute
Kanawha	Carver Career and Technical Center
Putnam	Putnam Career and Technical Center
Raleigh	Academy of Careers and Technology
Wood	Caperton Center for Applied Technology

Manufacturing Cluster

MA1601 - Aviation Maintenance Technician



The Aviation Maintenance Technician program prepares students for careers in aircraft maintenance and repair. This program provides training on the inspection, repair, and maintenance of aircraft systems and components, ensuring they meet safety and performance standards. Students will gain hands-on experience with aircraft engines, avionics, hydraulics, and other critical systems.

Performance Indicators

29 Participants	**25** Concentrators	**4** Completers	
4 Performance Tests Passed	**100%** Performance Pass Rate	**2** Teachers Properly Endorsed	**67%** Endorsement Rate Among Teachers

Schools Offering Aviation Maintenance Technician

County	School
Wayne	Spring Valley High School

Manufacturing Cluster

MA1630 - Robotics



The Robotics program equips students with comprehensive knowledge and skills in robotics, encompassing foundational concepts and advanced engineering principles. The curriculum includes hands-on activities and problem-solving tasks, beginning with introductory courses that focus on VEX programming and progressing to more advanced topics like building and programming complex robots. Students engage in experiments that demonstrate physics and mechanical properties, integrate sensors and mechanisms, and apply real-world learning through capstone projects. The program also offers courses in drone technology, covering essential knowledge for safe UAS deployment and FAA Part 107 compliance. Through a blend of theoretical and practical learning, the Robotics program prepares students for successful careers in the evolving fields of robotics and unmanned aerial systems.

Performance Indicators

161
Participants

106
Concentrators

40
Completers

38
Performance Tests Passed

93%
Performance Pass Rate

15
Teachers Properly Endorsed

68%
Endorsement Rate Among Teachers

Schools Offering Robotics

County	School
Berkeley	James Rumsey Technical Institute
Harrison	United Technical Center
Jackson	Ravenswood High School, Ripley High School
Kanawha	Carver Career and Technical Center, George Washington High School, Nitro High School, Saint Albans High School, Sissonville High School, South Charleston High School
Mercer	Mercer County Technical Education Center
Ohio	Wheeling Park High School
Randolph	Randolph Technical Center
Upshur	Fred W Eberle Tech Center

Manufacturing Cluster

MA1650 - Industrial Robotics



The Industrial Robotics program provides students with the knowledge and skills to design, program, and maintain industrial robots. This program covers various aspects of robotics, including automation, control systems, and robotic programming, preparing students for careers in advanced manufacturing and automation.

Performance Indicators

31 Participants	**12** Concentrators	**10** Completers	
5 Performance Tests Passed	**42%** Performance Pass Rate	**2** Teachers Properly Endorsed	**100%** Endorsement Rate Among Teachers

Schools Offering Industrial Robotics

County	School
Kanawha	Carver Career and Technical Center

Manufacturing Cluster

MA1870 - Industrial Equipment Maintenance



The Industrial Equipment Maintenance program prepares students to maintain and repair industrial machinery and equipment. This program covers various aspects of maintenance, including mechanical, electrical, and hydraulic systems, providing students with the skills needed to ensure the efficient operation of industrial equipment.

Performance Indicators

85 Participants	**36** Concentrators	**31** Completers	
12 Performance Tests Passed	**36%** Performance Pass Rate	**9** Teachers Properly Endorsed	**100%** Endorsement Rate Among Teachers

Schools Offering Industrial Equipment Maintenance

County	School
Logan	Ralph R Willis Career/Technical Center
Pleasants	Mid-Ohio Valley Technical Institute
Randolph	Randolph Technical Center

Manufacturing Cluster

MA1900 - Machine Tool Technology



The Machine Tool Technology program prepares students with the skills to operate and program various machine tools used in manufacturing. This program covers machining processes, CNC programming, and precision measurement, preparing students for careers in advanced manufacturing and precision machining.

Performance Indicators

139 Participants	**79** Concentrators	**54** Completers	
39 Performance Tests Passed	**64%** Performance Pass Rate	**9** Teachers Properly Endorsed	**90%** Endorsement Rate Among Teachers

Schools Offering Machine Tool Technology

County	School
Cabell	Woody Williams Center
Fayette	Fayette Institute of Technology
Harrison	United Technical Center
Kanawha	Ben Franklin Career Center
Marshall	John Marshall High School
Mason	Mason County Career Center
Mercer	Mercer County Technical Education Center
Ohio	Wheeling Park High School

Manufacturing Cluster

MA1910 - Manufacturing: Production and Design



The Manufacturing Production and Design program prepares students for careers in modern manufacturing through hands-on learning and technical instruction. Students will explore the full production cycle—from design and prototyping to fabrication and quality control—using advanced manufacturing technologies such as CAD software, CNC machines, 3D printing, and robotics. The program emphasizes precision, efficiency, and problem-solving while helping students develop essential skills in blueprint reading, safety, and teamwork. Graduates will be equipped with the knowledge and credentials needed to pursue postsecondary education, apprenticeships, or enter the workforce in roles such as production technician, industrial designer, or manufacturing engineer.

Performance Indicators

70 Participants	**58** Concentrators	**63** Completers	
29 Performance Tests Passed	**40%** Performance Pass Rate	**5** Teachers Properly Endorsed	**83%** Endorsement Rate Among Teachers

Schools Offering Manufacturing: Production and Design

County	School
Kanawha	Ben Franklin Career Center
Mason	Mason County Career Center
Pleasants	Mid-Ohio Valley Technical Institute
Wood	Wood Co Voc Tech Ctr

Manufacturing Cluster

MA1980 - Welding



The Welding program prepares students for careers in various welding and metal fabrication industries. This program offers comprehensive training in multiple welding processes, including shield metal arc welding (SMAW), gas metal arc welding (GMAW), gas tungsten arc welding (GTAW), and flux-cored arc welding (FCAW). Students will develop skills in welding techniques, safety practices, blueprint reading, and metal fabrication, preparing them for industry certifications and entry-level positions.

Performance Indicators

1,151
Participants

673
Concentrators

575
Completers

372
Performance Tests Passed

61%
Performance Pass Rate

44
Teachers Properly Endorsed

100%
Endorsement Rate Among Teachers

Schools Offering Welding

County	School
Brooke	Brooke County High School
Fayette	Fayette Institute of Technology
Grant	South Branch Career and Technical Center
Greenbrier	Greenbrier West High School
Hancock	John D. Rockefeller Career Center
Harrison	United Technical Center
Jackson	Roane-Jackson Technical Center
Lincoln	Lincoln County High School
Logan	Ralph R Willis Career/Technical Center
Marshall	John Marshall High School
Mason	Mason County Career Center
Mercer	Mercer County Technical Education Center
Mineral	Mineral County Technical Center

County	School
Monongalia	Monongalia County Technical Education Center
Nicholas	Nicholas County Career and Technical Center
Ohio	Wheeling Park High School
Pleasants	Mid-Ohio Valley Technical Institute
Preston	Preston High School
Raleigh	Academy of Careers and Technology
Taylor	Grafton High School
Upshur	Fred W Eberle Tech Center
Wayne	Tolsia High School
Webster	Webster County High School
Wood	Caperton Center for Applied Technology
Wyoming	Wyoming County Career and Technical Center

Manufacturing Cluster

MA2120 - Millwork and Cabinetmaking



The Millwork and Cabinetmaking program provides students with foundational knowledge and technical skills required by the millwork and cabinetmaking industry. The program explores various mathematical practices necessary for construction, handling of various tools, understanding construction drawings, and assembling projects. Students study skills to construct joints, sanding and finishing techniques, and how to work in larger scale manufacturing environments. Students engage in real-world learning opportunities, developing their problem-solving abilities, and fine tuning their technical skills in millwork and cabinetmaking.

Performance Indicators

146	**101**	**65**	
Participants	Concentrators	Completers	
48	**63%**	**5**	**71%**
Performance Tests Passed	Performance Pass Rate	Teachers Properly Endorsed	Endorsement Rate Among Teachers

Schools Offering Millwork and Cabinetmaking

County	School
Berkeley	Hedgesville High School, Martinsburg High School, Spring Mills High School
Jackson	Ravenswood High School, Ripley High School
Kanawha	Herbert Hoover High School
Randolph	Randolph Technical Center

Marketing Cluster

MK0420 - Marketing Management



The Marketing Management program prepares students for diverse marketing roles. Beginning with advertising, promotion, communication techniques, and market planning strategies, students gain practical insights through engaging projects. They explore essential marketing concepts including product/service management, brand enhancement, ROI analysis, and strategic market planning with a focus on retail marketing and corporate branding. The program emphasizes cross-media marketing strategies across traditional, digital, and emerging platforms, integrating messaging and branding for cohesive campaigns. Practical experience is provided through internships or simulated work experiences, enabling students to apply their skills in real-world marketing tasks and projects, enhancing their professional development and readiness for today's competitive business and marketing environment.

Performance Indicators

61
Participants

198
Concentrators

88
Completers

69
Performance Tests Passed

67%
Performance Pass Rate

30
Teachers Properly Endorsed

70%
Endorsement Rate Among Teachers

Schools Offering Marketing Management

County	School
Barbour	Philip Barbour High School Complex
Berkeley	Hedgesville High School, Martinsburg High School, Musselman High School, Spring Mills High School
Brooke	Brooke High School
Greenbrier	Greenbrier East High School
Jefferson	Washington High School
Kanawha	Carver Career and Technical Center, George Washington High School, Nitro High School
Marion	Marion County Technical Center
Marshall	John Marshall High School
Mercer	Mercer County Technical Education Center
Mineral	Mineral County Technical Center
Monongalia	University High School
Ohio	Wheeling Park High School

Science, Technology, Engineering and Mathematics Cluster

ST2175 - Energy and Power

The Energy and Power program prepares students for careers in the ever-changing energy sector, focusing on the generation, distribution, and management of energy. The curriculum is designed to provide a comprehensive understanding of both traditional and renewable energy sources, energy technologies, and sustainable practices. Students will explore energy systems, advanced energy technologies, energy management, and practical applications through project-based learning.

Performance Indicators

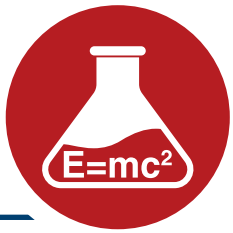
37 Participants	**9** Concentrators	**11** Completers	
10 Performance Tests Passed	**91%** Performance Pass Rate	**1** Teachers Properly Endorsed	**50%** Endorsement Rate Among Teachers

Schools Offering Energy and Power

County	School
Calhoun	Calhoun Middle/High School
Fayette	Midland Trail High School

Science, Technology, Engineering and Mathematics Cluster

ST2200 - Aerospace Engineering



The Aerospace Engineering program is designed to be an introduction to the field of aerospace, focusing on the principles of designing, developing, and testing aircraft and spacecraft. This program is structured to provide an understanding of the scientific and engineering foundations of aerospace technology, integrating hands-on experiences and real-world applications. Students will explore the history and evolution of aerospace, fundamental and advanced aerospace systems, and engage in practical design and engineering projects.

Performance Indicators

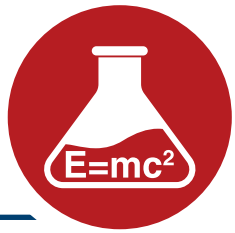
252 Participants	**84** Concentrators	**38** Completers	
41 Performance Tests Passed	**98%** Performance Pass Rate	**6** Teachers Properly Endorsed	**86%** Endorsement Rate Among Teachers

Schools Offering Aerospace Engineering

County	School
Berkeley	James Rumsey Technical Institute
Fayette	Oak Hill High
Harrison	Bridgeport High School, South Harrison High School
Marion	Marion County Technical Center
Mingo	Mingo Central Comprehensive High School
Putnam	Hurricane High School

Science, Technology, Engineering and Mathematics Cluster

ST2460 - Pre-Engineering



The Pre-Engineering program prepares students for further education and careers in engineering. This program covers various engineering disciplines, including mechanical, electrical, and civil, providing students with a strong foundation in math, science, and engineering principles.

Performance Indicators

392 Participants	**315** Concentrators	**0** Completers	
166 Performance Tests Passed	**82%** Performance Pass Rate	**68** Teachers Properly Endorsed	**92%** Endorsement Rate Among Teachers

Schools Offering Pre-Engineering

County	School
Barbour	Philip Barbour High School Complex
Doddridge	Doddridge County High School
Fayette	Fayette Institute of Technology
Greenbrier	Greenbrier East High School, Greenbrier West High School
Kanawha	Riverside High School, South Charleston High School
Lewis	Lewis County High School
Marshall	John Marshall High School
Mason	Mason County Career Center
Mercer	Mercer County Technical Education Center
Mineral	Frankfort High School, Keyser High School, Mineral County Technical Center
Monongalia	University High School
Nicholas	Nicholas County Career and Technical Center
Pleasants	Mid-Ohio Valley Technical Institute
Raleigh	Academy of Careers and Technology Shady Spring High School
Wyoming	Wyoming County Career and Technical Center

Transportation, Distribution and Logistics Cluster

TR1620 - Automotive Technology



The Automotive Technology program provides students with a comprehensive knowledge base and technical skills relevant to the field of automotive technology. It explores various aspects of automotive repair and maintenance. Throughout the program, students engage in real-world learning experiences designed to enhance their problem-solving abilities and technical expertise while earning industry credentials.

Performance Indicators

819 Participants	**512** Concentrators	**379** Completers	
167 Performance Tests Passed	**41%** Performance Pass Rate	**34** Teachers Properly Endorsed	**100%** Endorsement Rate Among Teachers

Schools Offering Automotive Technology

County	School
Berkeley	James Rumsey Technical Institute
Boone	Boone Career and Technical Center
Brooke	Brooke High School
Cabell	Woody Williams Center
Calhoun	Calhoun-Gilmer Career Center
Fayette	Fayette Institute of Technology
Grant	South Branch Career and Technical Center
Greenbrier	Greenbrier East High School
Hampshire	Hampshire Senior High School
Hancock	John D. Rockefeller Career Center
Harrison	United Technical Center
Jackson	Roane-Jackson Technical Center
Kanawha	Ben Franklin Career Center, Carver Career and Technical Center
Lincoln	Lincoln County High School
Logan	Ralph R Willis Career/Technical Center
Marion	Marion County Technical Center
Marshall	John Marshall High School

County	School
Mason	Mason County Career Center
McDowell	McDowell Career and Technology Center
Mercer	Mercer County Technical Education Center
Mineral	Mineral County Technical Center
Mingo	Mingo Central Comprehensive High School
Monongalia	Monongalia County Technical Education Center
Ohio	Wheeling Park High School
Pleasants	Mid-Ohio Valley Technical Institute
Preston	Preston High School
Putnam	Putnam Career and Technical Center
Raleigh	Academy of Careers and Technology
Randolph	Randolph Technical Center
Tucker	Tucker County High School
Upshur	Fred W Eberle Tech Center
Wayne	Spring Valley High School
Wood	Wood Co Voc Tech Ctr
Wyoming	Wyoming County Career and Technical Center

Transportation, Distribution and Logistics Cluster

TR1670 - Collision Repair Technology



The Collision Repair Technology program provides students with a comprehensive foundation in the technical skill and knowledge needed for the field of collision repairs. The program focuses on various areas of collision repair while emphasizing hands-on learning, problem-solving, and real-world applications. This program ensures that students develop industry-relevant skills while integrating academic knowledge, safety protocols, and technology tools.

Performance Indicators

379
Participants

247
Concentrators

196
Completers

91
Performance Tests Passed

42%
Performance Pass Rate

19
Teachers Properly Endorsed

100%
Endorsement Rate Among Teachers

Schools Offering Collision Repair Technology

County	School
Brooke	Brooke High School
Cabell	Woody Williams Center
Greenbrier	Greenbrier East High School
Hancock	John D. Rockefeller Career Center
Harrison	United Technical Center
Jackson	Roane-Jackson Technical Center
Kanawha	Carver Career and Technical Center
Logan	Ralph R Willis Career/Technical Center
Marion	Marion County Technical Center
Marshall	John Marshall High School
Mercer	Mercer County Technical Education Center
Ohio	Wheeling Park High School
Preston	Preston High School
Putnam	Putnam Career and Technical Center
Raleigh	Academy of Careers and Technology
Randolph	Randolph Technical Center
Tucker	Tucker County High School
Upshur	Fred W Eberle Tech Center
Wood	Wood Co Voc Tech Ctr

Transportation, Distribution and Logistics Cluster

TR1740 - Diesel Equipment Technology



The Diesel Equipment Technology program provides students with essential knowledge and technical skills in diesel mechanics. Students will study diesel engine components including their primary functions, electronic controls, and procedures for service, inspection and assembly. They will also examine the key diesel support systems such as lubrication, cooling, air intake, exhaust, starting and charging systems, engine retarders, and fuel systems. Students will explore these topics through hands-on learning while focusing on workplace readiness skills in the diesel technology industry.

Performance Indicators

228
Participants

139
Concentrators

92
Completers

82
Performance Tests Passed

88%
Performance Pass Rate

9
Teachers Properly Endorsed

90%
Endorsement Rate Among Teachers

Schools Offering Diesel Equipment Technology

County	School
Berkeley	James Rumsey Technical Institute
Doddridge	Doddridge County High School
Hancock	John D. Rockefeller Career Center
Kanawha	Ben Franklin Career Center
Pleasants	Mid-Ohio Valley Technical Institute
Preston	Preston High School
Putnam	Putnam Career and Technical Center
Raleigh	Academy of Careers and Technology
Upshur	Fred W Eberle Tech Center
Wyoming	Wyoming County Career and Technical Center

Transportation, Distribution and Logistics Cluster

TR1960 - Power Equipment Systems



The Power Equipment Systems program focuses on building the knowledge base and technical skills necessary for success in all aspects of the Power Equipment Systems industry. Students will have the opportunity to acquire hours toward Equipment and Engine Training Counsel (EETC), Small Engine Certifications.

Performance Indicators

108 Participants	**63** Concentrators	**55** Completers	
41 Performance Tests Passed	**69%** Performance Pass Rate	**6** Teachers Properly Endorsed	**100%** Endorsement Rate Among Teachers

Schools Offering Power Equipment Systems

County	School
Boone	Boone Career and Technical Center
Harrison	United Technical Center
Kanawha	Ben Franklin Career Center
Nicholas	Nicholas County Career and Technical Center
Ohio	Wheeling Park High School
Randolph	Randolph Technical Center



Michele L. Blatt
West Virginia Superintendent of Schools

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