

Collinsville Area Vocational Center



Where Classrooms and Careers Meet

The Collinsville Area Vocational Center End-of-Year Report for the 2017-18 school year provides you with a snapshot of the accomplishments and achievements of our students over the past school year. CAVC continues to offer excellent educational opportunities for students in the metro-east, with opportunities including dual credit through SWIC, industry-recognized certifications, skills training and career exploration. Students exit CAVC equipped with skills, and an improved knowledge of different career opportunities, postsecondary/college opportunities, and an improved readiness for the student's next steps after high school.

Great partnerships and support from so many lead to the success of our students, including but not limited to our parents, business and community members, college and postsecondary partners, and CAVC teachers. Our member schools continue to provide us valuable and strong support. It is so important that our local school districts recognize the importance and need to invest in their students. These students are the very people who will continue to live and become employed within our communities. They will continue to be productive tax paying citizens who give back to the communities that invested in their future. These students will be the role models for future generations. On behalf of CAVC I would like to extend a huge "THANK YOU" to all that help educate our CAVC students to transition from classrooms to careers.

Dr. Tricia Blackard, CAVC Director

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618-346-6320

Director: Dr. Tricia Blackard

<http://www.kahoks.org/schools/collinsville-area-vocational/>

Participating Schools

- Collinsville
 - Dupo
 - Lebanon
 - Mascoutah
 - Triad
 - East Alton Wood River
- Adding in 2018-19*

The Collinsville Area Vocational Center is a two-year, public vocational training center for high school juniors and seniors.

Students receive hands-on technical skills training in a variety of areas:

- Auto Body Repair
- Automotive Repair
- Building Trades
- Clinical Health Occupations
- Criminal Justice
- Early Childhood Education
- Electronics
- Engineering
- Food Service
- Precision Machining
- Web and Graphic Design
- Welding
- *Cosmetology Coming in 2019-20 School Year*

SKILLS CAN BE USED TO:

- Enter the work force directly after high school
- Continue on to a community college or trade school
- Prepare students for the military or trade unions
- Provide a foundation for continuation at a four-year college

Dual Credit Opportunities

Southwestern Illinois College (\$113 per credit)

CAVC Program	SWIC Course	Credit Hours	CAVC Students Enrolled	Tuition and Fees Saving
Auto Body	ACRT 101	5	20	\$11,300
	ACRT 131	4	20	\$9,040
Building Trades	CMT 145	4	8	\$3,616
	CMT 146	4	4	\$1,080
Clinical Health Occupations	HRO 105	7	33	\$26,103
	HRO 160	3	33	\$11,187
Criminal Justice	AOJ 100	3	12	\$4,068
	AOJ 103	3	12	\$4,068
	AOJ 151	3	3	\$1,017
	AOJ 155	3	3	\$1,017
Early Childhood Education	ECE 114	3	13	\$4,407
	ECE 110	3	5	\$1,695
Electronics	GT 104	4	17	\$7,684
	EED 101	5	17	\$7,684
Food Service	CUL 116	1	3	\$339
	CUL 228	3	22	\$7,458
Machining	PMT 101	4	2	\$904
	PMT 110	2.5	3	\$847
Welding	WLDT 101	6	12	\$8,136
	WLDT 152	5	9	\$5,085
Total Saved by families and students				\$116,735

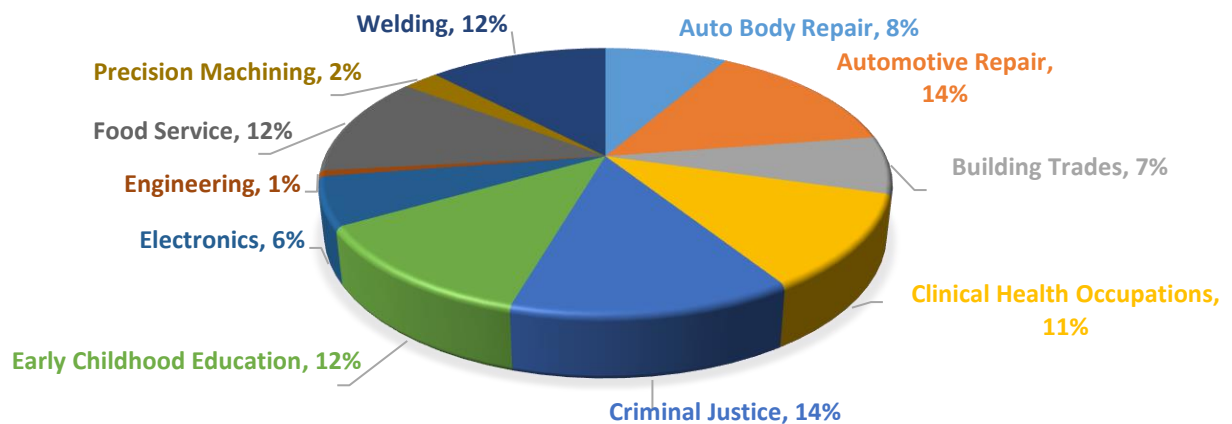
CAVC Program Facts

- Auto Body
 - 35 students were trained in auto body related concepts such as measurement, structural analysis, suspension, general maintenance, tool identification, detailing, metal refinishing and painting.
 - 20 students earned dual credit through SWIC
- Automotive Technology
 - 44 students were trained in basic mechanical skills such as preventative maintenance, tires, wheels, brake systems, steering, suspension, wheel alignment, engines, electricity, diagnostics, manual and automatic transmissions, heating and air conditioning.
- Building Trades
 - 16 students were trained in all concepts of general home construction from framing, foundations, roofing, siding, to windows and doors.
 - 12 students earned dual credit with SWIC.
 - All outer elements of the Courtland house were completed.
- Clinical Health Occupations
 - 33 students earned 10 hours of dual credit with SWIC
 - 94% of CAVC students who took the state C.N.A. exam passed which exceeds the state average of 81%.
 - 17 students attended clinical field trips to Mercy Rehabilitation and Care Center.
 - 31 students completed Health Care Provider CPR certification.










CAVC Program Facts Continued

- Criminal Justice
 - 35 students were trained in the history, philosophy, current practices related to corrections, policing methods, ethics and community policing within the criminal justice field.
 - 15 students earned 6 hours each of credit through SWIC
- Early Childhood Education
 - 45 students ran an on-site preschool for 36 children ages 2-5
 - 15 students served as assistant and student teachers at Caseyville Elementary School, working with students grades K-4.
 - 24 students earned their ECE Level 1 credential.
 - 45 students were given CPR instruction and 3 students paid for CPR certification.
- Electronics
 - 19 students were trained in electrical concepts such as AC, DC, soldering and house wiring.
 - 17 students earned dual credit through SWIC.
- Engineering
 - Students were trained in PLTW engineering concepts such as mechanisms, strength structures, materials, automation, orbital mechanics, robot systems, the physics of flight, design, documentation, and 3D modeling software.
 - While there were 67 students total in engineering classes, 2 were double blocked as vocational students.
- Food Service
 - 25 students were trained in nutrition, restaurant food preparation safety, sanitation, knife skills, culinary careers and restaurant entrepreneurship.
 - 22 earned dual credit through SWIC.
 - 3 earned Food Service Sanitation Manager Certification.
- Machining
 - 7 students were trained in manual milling, turning, drilling, grinding, CNC programming and operation.
 - 5 students earned dual credit through SWIC.
- Welding
 - 33 students were trained in welding concepts such as safety, oxyacetylene, arc welding, SMAW, GMAW, GTAW, FCAW, blueprint reading, Plasma Cam, and fabrication.
 - 21 students earned dual credit through SWIC.
- Web and Graphic Design was not offered in the 2017-18 school year.

CAVC PROGRAM ENROLLMENT



Industry Recognized Certifications

Certifying Institution	Certification	Program	Students Certified
	Certified Nursing Assistant	Clinical Health Occupations	17
	Level 1 Bench Work	Precision Machining	Coming 2018-19 school year
	Early Childhood Education Level 1	Early Childhood Education	24
	Food Service Sanitation Manager	Food Service	3
American Heart Association 	Health Care Provider CPR Certification	Clinical Health Occupations	33
	Level 1 Drill Press	Precision Machining	Coming 2018-19 school year
Contemporary Life Saving Training, LLC	CPR AED Certification	Early Childhood Education	4
	PPG Hazardous Materials Certification	Auto Body	Coming 2018-19 school year
	3M Bumper Repair Certification	Auto Body	Coming 2018-19 school year
	3M and Lord Fusor Panel Bonding Certification	Auto Body	Coming 2018-19 school year



500 6th grade students visited the 5th annual Career Day at CAVC.

All CAVC programs have business and industry partners that share their expertise with CAVC students.

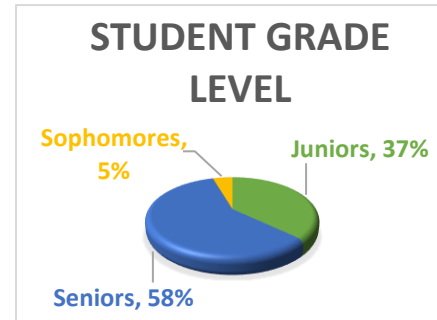
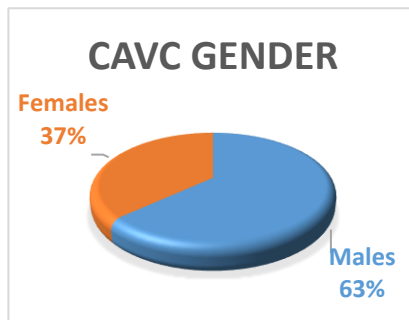
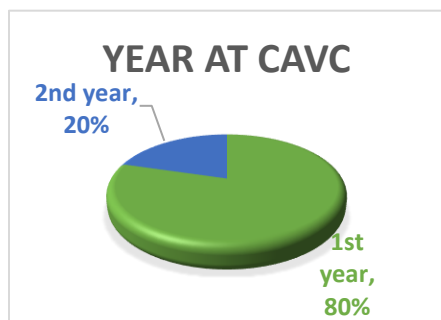
45 students participated in Manufacturing Day events held at SWIC and local businesses.

16 students participated in the annual Construction Expo where they learned about the numerous trades associated with the construction industry.

94% of CAVC Clinical Health Occupations students who took the state C.N.A. exam passed which exceeds the state average of 81%.

17 Clinical Health Occupations students attended clinical field trips to Mercy Rehabilitation and Care Center.

70 Students with IEP's were served.





Approximately 30 students participated in the initial on-line testing.

13 students qualified to attend the State Competition in Decatur, April.

5 students qualified for the national competition in Orlando, FL.

Students	Competition	State	Nationals
Jaden Sizemore and Nicolas Shepherd	Forensic Medicine	2 nd place	Top 25
MacKenzie O’Bear	Pharmacology	Top 10	Top 40
Morgan Myers and Jaylen Jordan	Certified Emergency Response Team (CERT)	Top 10	Qualified



Field Trips

- Gateway Race Track – Army
- Manufacturing Day – SWIC and local industries
- IBEW
- Ameren UE
- Callaway Nuclear Power Plant
- ISU Technology Day
- SIUE Engineering Day
- Illinois Center for Autism
- Central Institute for the Deaf
- Construction Expo



7 students participated in the initial on-line testing.

5 students qualified to attend the State Competition in Springfield, April 19-21.

Student	Competition	Place
Chris Howk	Electrical Construction Wiring	6 th
Frederick Barger	Electrical Construction Wiring	14 th
Randall Williams	CNC Technician	1 st
Cole Metzger	Automotive Service Technology	9 th
Alexander Galvan	CNC Milling	13 th

College Presentations

- Southwestern Illinois College
- Chamberlain College of Nursing
- SIUE
- Ranken Technical College
- Lincoln Technical College
- Universal Technical Institute

Guest Speakers

- SIUE Dental School Students
- Mercy Director of Nursing
- Diabetic and Amputee Speakers
- Martin Glass Company
- Iron Workers Local 392
- Sheet Metal Workers Local 36
- Coast Guard
- Army
- Previous Students Working in Related Industries