

2018

## Excellence in Action Award

### Anderson 1 and 2 Career and Technology Center

Automotive Technology

*Transportation, Distribution & Logistics Career Cluster*

#### OVERVIEW

The Automotive Technology program of study at the Anderson 1 and 2 Career and Technology Center in Williamston, SC, provides learners with the ability to gain academic knowledge and technical skills in automotive technology, a critical industry in the community. Through strong and sustained partnerships with education and industry leaders, learners in this rural community are prepared to succeed in their future careers.

Through an articulated agreement with the Tri-County Technical College, beginning their sophomore year, learners can earn up to 15 college credits as well as 10 industry-recognized certifications in electrical and braking systems, creating a seamless transition to both postsecondary education and careers.

Student Demographics (288)	Percentage
Male	92%
Female	8%
Low Income	34%
Minority	8%

#### A GROWING INDUSTRY PROVIDES VALUABLE PARTNERSHIPS

The Automotive Technology program of study was developed as a direct result of industry needs in the community. According to Anderson County Economic Development, Anderson County's economic condition depends on the manufacturing sector, with more than 200 major manufacturers and 20 international companies located in the county, including a number of car manufacturers. Anderson County is ranked by Southern Business and Development among the top 25 Best Places in the South to Locate Your Company for the region.

The high industry demand for skilled workers has led to employers reaching out directly to the program of study to build a pipeline of qualified and skilled

employees. As a result, the program of study benefits this growing industry by providing a pipeline of skilled employees but also benefits from the many new companies located in the region.

Partnerships with education institutions are also key to the program's success. Through a partnership established with Tri-County Technical College, learners can earn up to 15 college credits upon graduation, providing them with a seamless pathway to postsecondary education.

The Advisory Board, consisting of education and industry partners, ensures that the curriculum is up to date and that learners are participating in a program of study that truly prepares them for future success.

## Anderson 1 and 2 Career and Technology Center



### MEANINGFUL WORK-BASED LEARNING PROVIDED ON AND OFF CAMPUS

In their junior and senior years, learners may participate in the cooperative education option. This paid work-based learning experience includes a written training and evaluation plan, developed with industry partners, that guides workplace activities in coordination with classroom instruction. Students receive course credit in addition to financial compensation with the ultimate goal of providing a seamless transition into the workplace or postsecondary education.

Due to state-of-the-art equipment, learners do not have to leave the Center to learn how to operate industry standard equipment. The Center facility has a support lab, computer training lab and engine training lab, each simulating on-the-job experiences. Trainer vehicles are used to simulate real-world repairs resulting in the ability to learn essential vehicle maintenance and repair techniques.

Learners have access to career advisement and support throughout the three-year program of study. Two full-time staff manage the school-to-career office and work with students on their career goals.

### INCREASING ACCESS TO CTE

While work still remains, female and minority learner enrollment in the program of study has increased by 50 percent in the past year. For example, recruitment events now involve female leaders to act as spokespersons for the program of study.

The Automotive Technology program of study has also established a partnership with Clemson University to encourage the growth of these populations' interest and success in the field. The Programs for Educational Enrichment and Retention and the Women in Science and Engineering initiative at Clemson educate, recruit and retain underrepresented populations in the science, technology, engineering and mathematics fields through mentoring, academic coaching, counseling and academic enrichment.

"The quality of this program, its equipment and the instructor set the standard in our area. During our visits, we are continually impressed with the quality of students this program produces. Students show a level of professionalism that indicates their readiness for higher education and the workforce." — Jonathan Stribble, Product & Delivery Support Specialist, BMW Group

## Success by the Numbers



43%

Participated in Work-Based Learning



100%

Graduated High School



57%

Enrolled in Postsecondary Education



43%

Entered the Workplace and/or Military



99%

Earned an Industry-Recognized Credential



88%

Earned Postsecondary Credit

Data based on 2015-16 school year

**ADVANCE** CTE

State Leaders Connecting Learning to Work

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