

**TBR-The College System of Tennessee**  
**1 Bridgestone Park**  
**Nashville TN 37214**

The Tennessee College of Applied Technology Hartsville is a member of TBR – The College System of Tennessee, the largest system of higher education in the state. The Tennessee Board of Regents is the governing board of the System, which is comprised of 13 community colleges and 27 technical colleges.

The primary purpose of the Tennessee College of Applied Technology is to meet the occupational and technical training needs of our community, including employees of existing and prospective businesses and industries of the State. The College fulfills this purpose by providing both career-centered and needs-centered training. Career-centered training encompasses the center's full-time programs.

Needs-centered training addresses the specific training or re-training needs of individual businesses or industries. All needs-centered courses are designed with the help of the company's management team to ensure that employees receive the skills needed to meet specific technical skill requirements.

*The Tennessee College of Applied Technology Hartsville is governed by the Tennessee Board of Regents and is accredited by the Accrediting Commission of the :*

#### **Council of Occupational Education**

7840 Roswell Road,  
Building 300, Suite 325,  
Atlanta, Georgia 30350  
Telephone: (770) 396-3898  
or 1-800-917-2081



## **ADDITIONAL PROGRAMS**

### **Hartsville Campus**

Administrative Office Technology  
Automotive Technology  
Certified Nurse Assistant  
Computer Information Technology  
Industrial Maintenance/Mechatronics  
Machine Tool Technology  
Practical Nursing  
Welding Technology

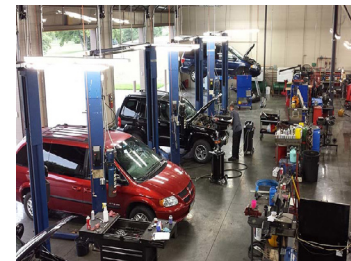
### **Lebanon Campus**

Advanced Manufacturing  
Computer Information Technology  
Machine Tool Technology  
Patient Care Technician  
Practical Nursing  
Welding



**716 McMurry Blvd., Hartsville, TN 37074**  
**415 Tennessee Blvd., Lebanon TN 37087**  
**Tel. 615-374-2147 or 615-547-1128**  
**Fax 615-374-2149**

## **Automotive Technology**

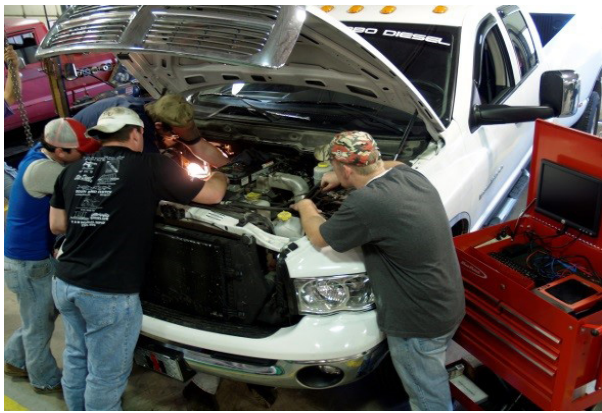


**REAL  
SKILLS.**

**REAL  
JOBS.**

The mission of the Automotive Technology program is to provide the opportunity to build knowledge and skills through ASE-based technical instruction and training, so students may gain entry-level employment in the automotive field. Students will prepare to test for the Automotive Service Excellence certifications.





## PROGRAM INSIGHTS

This Automotive Technology course is designed to prepare students for entry in to the automotive repair field with a sound foundation of basic technical knowledge and skill. The course includes instruction in the theory and operation of four-cycle gasoline engines, engine performance, electrical/electronic systems, automatic transmission/transaxle, manual drive train & axles, suspension and steering, brakes, and heating & air conditioning.

The objective of this course is to provide the individual student with a thorough understanding of the methods of servicing and repairing automotive vehicles. Each unit of study is approached by starting with the basic theory involved. Then, actual hands-on service of lab vehicles using factory approved methods of maintenance and repair. The student receives a high degree of individualized instruction to make them as knowledgeable as possible in the use of tools, special equipment, technical manuals, computerized service equipment, service specifications, diagnosis and methods of repair. Written performance tests are given to record the individual student's progress.

Students are encouraged to take the ASE test in each area. The successful completion of the test certifies that person as an automotive technician in the area tested.

## COURSE AWARDS AND LENGTH

### Diploma

Automotive Service Technician 2160 hrs

### Certificate

Engine Performance Technician	432 hrs
Electrical/Electronic Systems Technician	450 hrs
Engine Repair Technician	234 hrs
Automatic Transmission/Transaxle Technician	234 hrs
Manual Drive Train & Axles Technician	192 hrs
Suspension and Steering Technician	180 hrs
Brake Technician	204 hrs
Heating and Air Conditioning Technician	174 hrs

## CAREER OUTLOOK

There are more than one hundred million vehicles on the roads today. There are only fourteen million people employed in the automotive field. The demand for ASE Certified technicians will continue to grow as the number and complexity of automobiles continues to rise. For well-trained technicians, the automotive field offers an excellent opportunity for good pay and the satisfaction of highly skilled work with vehicles incorporating the latest in high technology.

## JOB OPPORTUNITIES

Formal automotive technician training is the best preparation for today's challenging technology-based jobs in the automotive field. Automotive service technicians and mechanics must continually adapt to changing technology and repair techniques as vehicle components and systems become increasingly sophisticated. Students completing a portion or all of the program may be employed in the following jobs: Automotive Line Technician, Service Manager, Service Advisor, Auto Parts Specialist, Automotive Instructor.

## GAINFUL EMPLOYMENT

**Go to:** [tcathartsville.edu/future-students/gainful-employment-disclosures](http://tcathartsville.edu/future-students/gainful-employment-disclosures)

The Tennessee College of Applied Technology is an AA/EEO employer and does not discriminate on the basis of race, color, religion, creed, ethnic or national origin, sex, sexual orientation, gender identity/expression, disability, age (as applicable), status as a covered veteran, genetic information, and any other category protected by federal or state civil rights law with respect to all employment, programs and activities sponsored by the College. The following person has been designated to handle inquiries regarding the nondiscrimination policies: Contact the Vice President at 615-374-2147.

## COST OF TRAINING

Tuition and fees approximately	\$6,560
Books and supplies approximately	\$391
ASE Testing approximately	\$550
Tools (Optional) approximately	\$1,500

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at [tcathartsville.edu](http://tcathartsville.edu).

## ENROLLMENT

Because instruction is individualized, students may enroll when a vacancy occurs.

## TRAINING SCHEDULE

8:00 a.m. to 2:30 p.m.

Monday through Friday

Part-time day schedules are available on an as needed basis.

## For More Information Contact:

Student Services at (615) 374-2147

## 2018-2019 COE Annual Report

Completion Rate	77%
Placement Rate	89%
Licensure Rate	96%

