



Tennessee Board of Regents
1 Bridgestone Park
Nashville TN 37214

The Tennessee College of Applied Technology Hartsville is one of 45 institutions in the Tennessee Board of Regents system, the seventh largest system of higher education in the nation. The Tennessee Board of Regents is the governing board for this system, which is comprised of six universities, thirteen two-year institutions, and twenty-six colleges. The Tennessee Board of Regents system enrolls more than 80% of all Tennessee students attending public institutions of higher education.

The primary purpose of the Tennessee College of Applied Technology is to meet the occupational and technical training needs of citizens and residents of this area; this purpose includes 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 the individual business or industry. All courses are designed with the help of the company's management team to ensure that the employees receive the skills needed to meet specific technical skill requirements.

TCAT Hartsville does not discriminate on the basis of race, color, national origin, sex, disability.
See <http://www.tcathartsville.edu/aaeco>

Training Programs

Hartsville Campus

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

Lebanon Campus

Advanced Manufacturing
Computer Information Technology
Machine Tool Technology (May 2016)
Practical Nursing
Heating, Ventilation, Air Conditioning & Refrigeration (Sept. 2016)
Welding



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

February 2016

**Real Skills.
Real Jobs.**

Automotive Technology

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.



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



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: <https://tcathartsville.edu/future-students/gainful-employment-disclosures>

COST OF TRAINING

Tuition and fees approximately	\$5,925
Books and supplies approximately	\$450
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 www.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

