

## Our Mission

The Tennessee Colleges of Applied Technology continue to serve as the premier providers for workforce development throughout the State of Tennessee. The colleges fulfill the mission by:

- Providing competency-based training through various types of instructional delivery systems of the highest quality that will qualify individuals for employment and/or advancement in jobs.
- Providing high quality training and retraining of employed workers.
- Providing high quality training that is economical and accessible to all residents of Tennessee, thereby contributing to the economic and community development of the communities we serve.

## Tennessee College of Applied Technology Elizabethton

- Accredited by the Commission of the Council on Occupational Education, 7840 Roswell Road, Suite 325, Atlanta, GA 30350, telephone 1-800-917-2081.
- Approved for the training of veterans by the State Office for Veterans' Education and the Tennessee Higher Education Commission.
- Governed by the Tennessee Board of Regents, 1415 Murfreesboro, Road, Suite 350, Nashville, TN 37217, telephone 615-366-4400.

## Tennessee College of Applied Technology Elizabethton

Website address: [www.tcatelizabethton.edu](http://www.tcatelizabethton.edu)  
426 Highway 91 North  
Elizabethton, TN 37643  
Telephone 423-543-0070, Toll Free 1-888-986-2368  
Fax 423-547-2587  
Office Hours: Monday-Friday 7:30 AM- 4:30 PM ET

**“Workforce development. It’s what we do.”™**

The Tennessee College of Applied Technology Elizabethton, a Tennessee Board of Regents institution, is an AA/EEO/ADA employer and does not discriminate on the basis of race, color, national origin, gender, ability and age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Student Services Coordinator, Tennessee College of Applied Technology Elizabethton, 426 Highway 91 North, Elizabethton, TN 37643, telephone 423-543-0070. Printed by Sabre Printers, 325 West Walnut Street, Johnson City, TN 37604. TBR 260, POE 14200. 1M. 12/13.

**Tennessee College of  
Applied Technology Elizabethton**  
426 Highway 91 North  
PO Box 789  
Elizabethton, TN 37644

**AUTOMOTIVE TECHNOLOGY**



**TENNESSEE COLLEGE  
OF APPLIED TECHNOLOGY**  
—ELIZABETHTON—



# AUTOMOTIVE TECHNOLOGY

C.I.P. Code 47.0604

The goal of the Automotive Technology Program is to meet the occupational and technical training and retraining needs of the local automotive service industry by (1) offering full-time and supplemental training in response to local employment demands; (2) offering individualized instruction based on individual student needs and abilities; (3) being committed to achieving customer satisfaction through continuous improvement and retraining of the instructor and upgrading the lab and instructional equipment on an ongoing basis; (4) emphasizing the development of work ethics consistent with employee success; and, (5) making training opportunities available to all that possess the desire and potential to excel in the automotive service industry.

This comprehensive training program provides instruction in the classroom and hands-on experience with state-of-the-art equipment used to diagnose and repair today's high tech automobiles. The training includes computerized engine analysis, heating and air conditioning, electrical and electronics systems, brake repair, front-end alignment, manual and automatic transmissions, and chassis and steering, among others.

All eight areas of the Automotive Technology Program have been certified by the National Automotive Technician Education Foundation.

## ADMISSION REQUIREMENTS

This program operates on an open-entry, open-exit basis. Students may enter the program any time during the school year, subject to space availability. Students must be at least 18 years old and not attending public school. However, high school students may attend through dual enrollment

provided it is approved by their school counselor, the local school administrator and the College of Applied Technology director.

## LENGTH OF PROGRAM

The average length of the competency-based program is 2,160 hours (20 months) for full-time students. Actual time depends upon enrollment and the length of time it takes to achieve each competency. This program contains several completion points designed to prepare students for entry-level jobs within the automotive field. A certificate may be awarded after each unit of instruction is completed. A diploma is awarded when all outlined courses are completed.

## CERTIFICATE AWARDS\*

2 weeks	Safety and Orientation
2 months	Engine Repair Technician
2 months	Automatic Transmission/Transaxle Technician
1.5 months	Manual Drive Train and Axles Technician
1.5 months	Suspension and Steering Technician
1.5 months	Brake Technician
4.0 months	Electrical/Electronic System Technician
1.5 months	Heating and A / C
4.0 month	Engine Performance
Varies	Service Station Mechanic

## DIPLOMA AWARDS

20 months	Automotive Technician
20 months	Automotive Technician Apprentice

\*Safety and Orientation is not included but is mandatory for all Certificate Awards.

## UNITS OF STUDY

- Engine Repair
- Automotive Electrical
- Engine Performance
- Chassis and Steering
- Manual Transmissions / Transaxles
- Automotive Transmissions / Transaxles
- Automotive Brakes
- Heating/Air Conditioning

## CLASS HOURS

Classes meet from 8:00 AM to 3:00 PM Monday-Friday. A part-time training program is also offered in the evening.

## STUDENT SERVICES

The Student Services Office provides counseling to all students and potential students. Telephone 423-543-0070 to speak with a counselor. For auxiliary aids and services to individuals with disabilities and/or limited English proficiency, contact the Student Services Coordinator, telephone 423-543-0070.

## APPLICATION PROCEDURES

Complete an application for admission. The application may be obtained at the Main Campus, 426 Highway 91 North, Elizabethton, from 7:30 AM to 4:30 PM Monday-Friday, Eastern Time, or online at [www.tcatelizabethton.edu](http://www.tcatelizabethton.edu).

## WEBSITE

[www.tcatelizabethton.edu](http://www.tcatelizabethton.edu)