MISSION STATEMENT

The Tennessee Colleges of Applied Technology serve as premier suppliers of workforce development throughout Tennessee. The colleges fulfill their mission by:

- Providing competency-based training through superior quality, traditional and distance learning instruction methods that qualify completers for employment and job advancement;
- Contributing to the economic and community development of the communities served by training and retraining employed workers;
- Ensuring that programs and services are economical and accessible to all residents of Tennessee; and
- Building relationships of trust with community, business and industry leaders to supply highly skilled workers in areas of need.

A **Tennessee Board of Regents** Institution
AA/ADA/EEO Training Institution

Accredited by **Council on Occupational Education**
7840 Roswell Road, Building 300, Suite 325
Atlanta, GA. 30350 • 770-396-3898

TCAT Upper Cumberland is an equal access, equal opportunity organization. More: tbr.edu/nds. 2026/11/P162-26/2



CLASS SCHEDULES

Full-time day classes are offered Monday through Friday between the hours of 7:45 a.m. and 2:15 p.m. at the main campus and 7:45-am-2:30pm at the Livingston and Cookeville Higher Ed Center Campus.

Full-time evening classes are offered Monday through Thursday between the hours of 1 and 9 p.m. at the main campus.

Part-time class schedules may vary according to local needs.

This program is offered at the Livingston Cookeville and main campuses.

STUDENT COST

Cost can be found on our website:
www.tcatuppercumberland.edu/programs.

FINANCIAL AID

Financial aid is available to those students who are eligible. Students can be assessed for eligibility for Federal Pell Grants, Federal SEOG, TN Student Assistance Award, Wilder-Naifeh Technical Skills Grant, TN Promise, TN Reconnect, and Federal Work Study. The school also coordinates efforts with the Department of Veteran's Affairs, Voc. Rehabilitation, WIOA, TRA and TOPS.

LOCAL HIGH SCHOOL ARTICULATION

TCAT Upper Cumberland has articulation agreements with local high schools in the school's service area. These agreements establish guidelines by which high school students may receive advanced placement in programs for skills acquired in high school. For more information on how to receive advanced placement, contact your high school guidance counselor or the Student Services Office at TCAT Upper Cumberland.

910 MILLER AVE | CROSSVILLE, TN 38555
931-484-7502

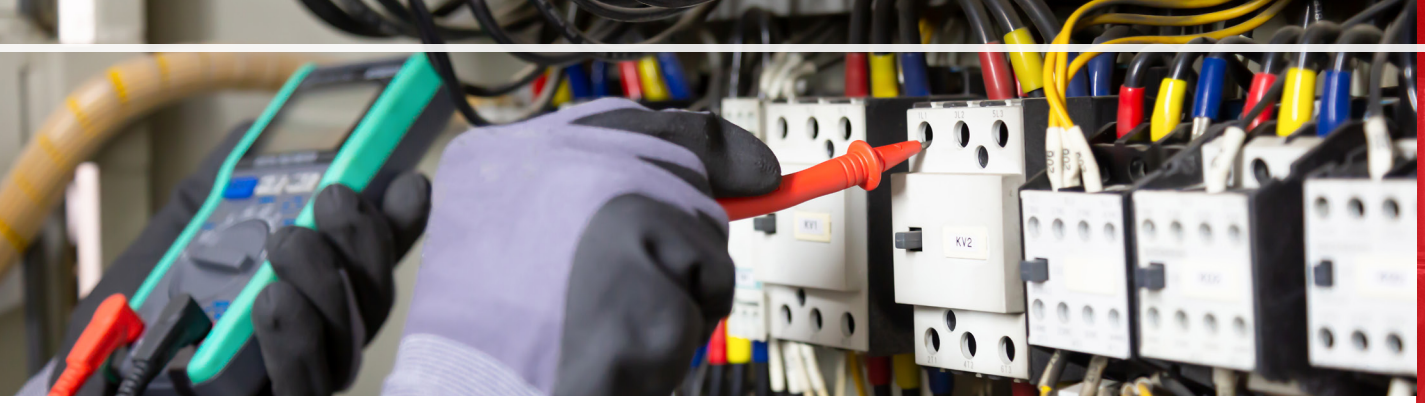
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INDUSTRIAL AUTOMATION TECHNOLOGY

*WE **BUILD** CAREERS.*



TCAT
UPPER CUMBERLAND



PROGRAM DESCRIPTION

Power your future with the technical skills employers need in today's advanced manufacturing industry. This four-trimester program combines classroom instruction with extensive hands-on training using industry-standard equipment to prepare students for careers in industrial maintenance and electrical systems. Students build expertise in troubleshooting, maintenance and repair while completing core coursework and selecting elective areas that match their career goals.

Along the way, students earn stackable credentials, including the Industrial Maintenance Apprentice and Apprentice II certificates, before graduating with an Industrial Maintenance Technician diploma.

CERTIFICATES & DIPLOMAS

Certificates

Industrial Maintenance Apprentice	432 hours
Industrial Maintenance Apprentice II	864 hours

Diplomas

Electrical Maintenance Technician	1296 hours
Automation & Controls Technician	1728 hours



ADMISSION POLICY

A. Applicants Not Enrolled in High School

Applicants not enrolled in high school are eligible for admission provided that:

1. They are at least 18 years of age or have a high school diploma or equivalent.
2. They declare an occupational objective or demonstrate through testing or counseling reasonable potential for achieving that objective.

B. Applicants Enrolled in High School

Applicants enrolled in high school are eligible for admission provided that:

1. An agreement authorizing such admission concluding between the local Board of Education and the Tennessee College of Applied Technology. Such agreements are subject to the approval of the chancellor or his designee.
2. Admission of Foreign Non-Immigrants. Foreign non-immigrant applicants are eligible for admission if they meet the same conditions required for other applicants.

ADMISSION PROCEDURES

1. PICK A PROGRAM
2. FILL OUT ONLINE APPLICATION
3. SUBMIT PROGRAM SPECIFIC APPLICATION MATERIALS (IF REQUIRED)
4. REQUEST/SUBMIT TRANSCRIPTS
5. COMPLETE FAFSA
6. SET UP YOUR TCAT STUDENT EMAIL

COURSES

First Trimester

Worker Characteristic
Safety & Orientation
Technology Foundation
Electrical Concepts AC/DC
Print Reading for Electric Systems
Mechanical I

Second Trimester

Worker Characteristic
Fluid Power & Piping Concepts
Industrial Motors & Motor Control Systems
Machine Tool

Third Trimester

Worker Characteristic
Welding
Commercial/Industrial Installations
Mechatronics

Fourth Trimester

PLC/Robotics

