



TENNESSEE COLLEGE  
OF APPLIED TECHNOLOGY  
—ELIZABETHTON—

## Special Industry Testing and Training



Serving Business and Industry Since 1965

CARTER • JOHNSON • SULLIVAN  
UNICOI • WASHINGTON

Main Campus: 426 Highway 91 North  
Telephone 423-543-0070  
Website Address: [www.tcatelizabethton.edu](http://www.tcatelizabethton.edu)

**We specialize in business and industry training as a designated National Coalition Certification Center (NC3) Regional Training Center.**



We are governed by the Tennessee Board of Regents and accredited by the Council on Occupational Education. Our programs may be completed in 12 to 20 months.

They are offered in Administrative Office Technology, Automotive Technology, Computer Information Technology, Diesel Powered Equipment Technology, Industrial Electricity, HVAC, Machine Tool Technology, Millwright Skills, Pipefitting, Practical Nursing, and Welding. The following pages show diploma certifications awarded for each program, if applicable, along with the approximate time to complete the program. **Specialized industry training can also be offered in these areas on site or at any business or industry location.**

# **Program Accreditations and Certifications at the Tennessee College of Applied Technology Elizabethton**

Some programs at the Tennessee College of Applied Technology Elizabethton are accredited by external organizations. In addition, students in certain programs may be required or have the opportunity to sit for certified examinations to demonstrate expertise. The following is a list of accreditations and certifications by program at TCAT Elizabethton:

## **Administrative Office Technology**

Accreditation

### **Certification**

Electronic Health Records (NHA)

Medical Administrative Assistant (NHA)

MOS Certification (Microsoft Office Specialist)

## **Certificate Awards**

General Office Assistant (432 hours to complete)

Office Software Specialist (864 hours to complete)

## **Diploma Awards (12 months)**

Accounting Assistant

Administrative Assistant

Medical Administrative Assistant

## **Automotive Technology (ASE Certified)**

Accreditation

Accredited by National Automotive Technicians  
Education Foundation (NATEF)

## **Certification**

National Coalition of Certification Centers (NC3)

## **Technician Certificate Awards**

Technician Assistant (complete three of eight areas)

Technician Apprentice (complete six of eight areas)

(Time to Complete shown in parenthesis)

Manual Drive Train and Axles Technician (1.5 months)

Suspension and Steering Technician (1.5 months)

*NC3 Under Car Certification*

Brake Technician (1.5 months) *NC3 Procut Certification*

Heating and A/C (1.5 months)

Engine Repair Technician (2 months)

*NC3 Torque and PMI Certification and Safety*

Automatic Transmission/Transaxle Technician (2 months)

Engine Performance (4 months)

*NC3 Diagnostics and Advanced Diagnostics*

*Certification*

Electrical/Electronics System Technician (4 months)

*NC3 Multimeter Certification*

## **Diploma Award**

Master Technician (complete all eight areas) (20 months)

## **Computer Information Technology**

Accreditation

### **Certification**

CompTIA A+

CompTIA Network+

CompTIA Security+

C-Tech Copper and Fiber Optic

Microsoft Office User Specialist

Greenlee Certification

### **Certificate Awards**

Computer Operator (4 months)

*NC3 Multimeter Certification*

Application Specialist (8 months)

Hardware Technician (12 months)

Network Analyst (16 months)

Network Security Specialist (20 months)

### **Diploma Awards**

Microcomputer Specialist (12 months)

Networking Specialist (20 months)

## **Diesel Powered Equipment Technology**

Accreditation

Accredited by National Automotive Technicians

Education Foundation (NATEF)

### **Certification**

National Coalition of Certification Centers (NC3)

## **Certificate Awards**

Preventative Maintenance Service Technician (4 months)

*NC3 Safety, Torque, PMI Certification*

Diesel Engine Assembler (8 months)

*NC3 Multimeter Certification*

Diesel Technician Apprentice (12 months)

*NC3 Under Car and Procut Certification*

Diesel Technician Assistant (16 months)

*NC3 Diagnostics and Advanced Diagnostics  
Certification*

## **Diploma Award**

Diesel Technician (20 months)

## **HVAC**

Accreditation

Designated HVAC Excellence Program

## **Certification**

Section 608 EPA

410A EPA Safety

Electricity

Air Conditioning

Commercial A/C

Heat Pump

Commercial Refrigeration

Gas Heat

Oil Heat

*Trane NC3 Certification*

*Snap-on NC3 Certification*

### **Certificate Awards**

HVAC Installer and Service Helper (4 months)

*NC3 Meter and Safety and Tools at Heights  
Certification*

Domestic Unit Repairer (8 months)

*NC3 Torque and PMI Certification*

EPA Certification (8 months) *NC3 Trane Residential*

Sheet Metal (8 months)

*NC3 BPI-Build Performance Instruments Certification*

HVAC Employment Ready Tests

OSHA 10, Electricity

Air Conditioning, Sect. 608 EPA, R410A EPA (safety)

Heat Pump

### **Diploma Awards**

HVAC Technician (12 months)

Refrigeration Technician (12 months)

HVAC/Refrigeration Technician (16 months)

### **Industrial Electricity**

Accreditation

Follows curricula of National Center for Construction

Education and Research (NCCER)

### **Certification**

NCCER National Registry Listing

*Snap-on NC3 Certification*

*Greenlee NC3 Certification*

### **Certificate Awards**

Electrician Helper (3 months)

## **Diploma Awards**

Electrician Apprentice Class II (6 months)

*NC3 Safety, Meter and Torque, Tools at Heights  
Certification*

Electrician Apprentice Class I (12 months)

*NC3 PMI, Cutting and Crimp Certification*

Industrial Electrician (16 months)

*NC3 Pathways, Fiber and Copper Cabling  
Certification*

## **Machine Tool Technology**

Accreditation

Follows curricula of National Institute for Metalworking  
Skills (NIMS)

### **Certification**

NIMS Certification

*NC3 Certification*

## **Certificate Awards**

Production Machine Tender (432 hours)

Machine Set-up Operation (864 hours)

*Precision Measurement NC3 Certification*

*Advanced Measurement NC3 Certification*

*3D Printing NC3 Certification*

Siemens Controller

DS Solid Works (CAD)

## **Diploma Awards**

General Machinist (12 months)

*NC3 Safety, Meter, and Tools at Heights Certification*

Machinist 1 (16 months)

*NC3 PMI and Torque Certification*



## **Millwright Skills**

Accreditation

Follows Curricula of National Center for Construction  
Education and Research (NCCER)

### **Certification**

NCCER National Registry Listing

*Snap-on NC3 Certification*

### **Certificate Awards**

Millwright Apprentice (1 month)

*NC3 Safety, Meter and Tools at Heights Certification*

Millwright Helper One (2 months)

*NC3 PMI and Torque Certification*

Maintenance Apprentice (4 months)

Millwright Helper Two (9 months)

### **Diploma Awards**

Maintenance Mechanic (12 months)

Millwright (12 months)

## **Pipefitting**

Accreditation

Follows curricula of National Center for Construction  
Education and Research (NCCER)

### **Certification**

NCCER National Registry Listing

*Snap-on NC3 Certification*

### **Certificate Awards**

Pipefitter Entry-Level Helper (48 hours)

*NC3 Safety, Meter and Tools at Heights Certification*

Pipefitter Middle Class Helper (432 hours)

*NC3 PMI and Torque Certification*

Pipefitter Top Helper (630 hours)

**Diploma Award**

Pipefitting (12 months)

**Practical Nursing**

Accreditation

Program prepares graduates for National Council

Licensure Examination (NCLEX-PN)

**Certification**

Licensed Practical Nurse after passing state exam

Tennessee Board of Nursing – Approved Program

**Diploma Award**

Practical Nurse (12 months)

**Welding**

Accreditation

**Certification**

American Welding Society (AWS)

American Society of Mechanical Engineers (ASME)

*NC3 Certification*

**Certificate Awards**

Welder Helper (1 month) *NC3 Safety and Meter*

Tack Welder (3 months) *NC3 PMI and Torque*

Shielded Metal Arc Welder (6 months)

Gas, Metal Arc Welder (9 Months)

**Diploma Awards**

Combination Welder (12 months)



To arrange business and industry training, contact:

**John Lee**

NC3 Coordinator at the Tennessee College of Applied Technology Elizabethton

423-342-3972 (office)

423-773-8687 (cell)

email: [John.lee@tcatelizabethton.edu](mailto:John.lee@tcatelizabethton.edu).

### TCAT Elizabethton Training Partners



*The Tennessee College of Applied Technology, an AA/EEO/ADA employer, 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, 426 Highway 91 North, Elizabethton, Tennessee 37643, telephone 423-543-0070. Printed by Sabre Printers, 325 West Walnut Street, Johnson City, TN 37604, TBR 110, 210, POE 18517, 750.*



**tn**TRAINED

PREPARING EMPLOYEES FOR EXCELLENT INDUSTRY PERFORMANCE



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