

Tennessee College of Applied Technology - Newbern

Automotive Technology

- 20 Month Course
- National Automotive Technicians Education Foundation
- Hands-on training in general maintenance, brakes, steering, transmissions, engine repair



Industrial Maintenance

20 Month Course

- Basic Electricity
- Industrial Wiring
- Trouble Shooting
- Motor Controls
- Pneumatics/Hydraulics
- PLCs
- Residential, Industrial, Commercial Wiring

Cosmetology / Cosmetology Instructor

- 1500 Hours
- 300 Hours
- Salon Ecology
- Study of Skin & Nails
- Salon Business
- State Board Prep

Nursing Assistant (CNA)

- Special Industry Program
- Six week course
- WIA Funding available (if you qualify)

Injection Molding/Robotics

- 16 Month Course
- Quality Assurance
- Manufacturing Technician
- Plastic Engineering
- Robotic Automation Engineering,

Drafting & CAD Technology

- 16 Month Course
- Basics of Drafting plus Blueprint Reading
- Architectural, or Mechanical Drafting
- Participate in live work projects and hands-on activities
- AutoCAD 2015, Revit 2015, SolidWorks 2015, Inventor 2015
- A.D.D.A Certification



Machine Tool Technology

- 20 Month Course
- Learn lathes, milling machines, and surface grinders
- CNC mills and lathes
- Cut, drill, and modify metals and plastics
- NIMS Credentials



Diesel Powered Equipment Technology

- 20 Month Course
- Maintenance of engines
- Fuel Systems
- Electrical Systems
- Clutches
- Transmissions
- Hydraulics
- Drivelines
- Axels
- Frames
- Diesel Truck & Tractor Steering



Practical Nursing

- 12 Month Course
- Classroom and Clinical Experiences
- State Board Licensure
- Opportunity for IV Therapy Certification
- Venipuncture, IV Infusion, NG Tube Insertion

Electronics Technology

- 20 Month Course
- DC Circuits
- AC Circuits
- Analog Circuits
- Digital Circuits
- Microprocessor Circuits
- Computer Hardware
- Operating Systems
- Networking

Truck Driving

- 222 Hours (about 9 weeks)
- Public, Customer, and Employer/Employee Relations
- Commercial Driver's License Regulations
- Coupling and Uncoupling Trailers
- Defensive Driving Procedures
- On The Road Driving

Heating, Ventilation, Air Conditioning/ Refrigeration

- 20 month Course
- Basic Electricity
- Fundamentals of Refrigeration
- Refrigerants & Environmental Effects
- EPA Certification Examinations



Welding Technology

- 12 Month Course
- Flux Cored Arc
- Gas Metal Arc
- Gas Tungsten Arc
- Shield Metal Arc





On Campus Test Center

- ACT Professional Certification Exams
- COMPASS Test
- Career Readiness Certification Testing

Financial Aid Available

FREE Tuition for all Tennessee high school seniors—**TN Promise**
FREE Tuition for all Tennesseans 24 years old and older—**TN Reconnect**
FREE Tuition for all Tennesseans 18 to 24 that are independent—**TN Reconnect**

Certificates and Diplomas Awarded Upon Completion

Newbern Campus

340 Washington Street,
Newbern, TN 38059

- ◆ Automotive
- ◆ Cosmetology/ Cosmetology Instructor
- ◆ Drafting
- ◆ Electronics
- ◆ HVAC/R
- ◆ Industrial Maintenance
- ◆ Machine Tool
- ◆ Practical Nursing

TCAT-Newbern Transportation Campus

2010 Brewer Road,
Dyersburg, TN 38024

- ◆ Diesel Powered Equipment Technology
- ◆ Truck Driving

Accredited by the Council on Occupational Education

7840 Roswell Road, Building 300, Suite 325

Atlanta, GA 30350
800-917-2081

Union City Campus

204 South 2nd Street
Union City, TN 38261

- ◆ Industrial Maintenance (hybrid)
- ◆ Practical Nursing
- ◆ Welding

Adult Higher Education Center

6514 Hwy. 412
Bells, TN 38006

- ◆ Injection Molding/Robotics

High School
Dual Enrollment
Available

The Tennessee College of Applied Technology - Newbern does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following person has been designated to handle inquiries regarding the nondiscrimination policies:

Name and Title: Donnie Walton, Assistant Director

Address: 340 Washington Street
Newbern, TN 38059

Telephone: 731-627-2511 x 121



For information regarding TCAT-Newbern's refund policy, please see the TCAT-Newbern Student Handbook & Catalog on our website at <http://tcatnewbern.edu/tcat-newbern-student-handbook-catalog>.