



TENNESSEE COLLEGE OF APPLIED TECHNOLOGY

PULASKI

1233 East College Street, Pulaski, TN 38478
931-424-4014 www.tcatpulaski.edu

Career Training

Administrative Office Technology
Advanced Manufacturing Education
Basic Dental Assisting
Building Construction Technology
CNC Machining Technology
Computer Operating Systems and Network Technology
Criminal Justice: Correctional Officer
Electrical and Plumbing Construction Technology
Heating, Ventilation, Air Conditioning and Refrigeration
Industrial Electricity
Industrial Maintenance Technology
Patient Care Technology/Medical Assisting
Pharmacy Technology
Practical Nursing
Residential/Commercial Wiring & Plumbing
Welding Technology

Training Locations

Main Campus (Pulaski, TN)
Lawrence County Instructional Service Center
Lawrenceburg Instructional Service Center
North Lawrence Instructional Service Center
South Lawrence Instructional Service Center

HEATING, VENTILATION, AIR CONDITIONING and REFRIGERATION (EVENING PROGRAM)

The mission of the Heating, Ventilation, Air Conditioning and Refrigeration Program is to prepare students for a career as an HVAC/R technician. Students completing this course of study will become proficient in the application, diagnosis, and service of a wide range of HVAC/R products. This program is self-paced with classroom and shop instruction including theory, application, and service. Major blocks of instruction include electricity, refrigeration, air conditioning, heat pumps, heating and commercial systems. This program is an accredited member of the HVAC Excellence Program.

Employment Opportunities:

- Commercial
- Residential
- Self-employment

Program Instructor:

Shane Boyd
shane.boyd@tcatpulaski.edu
931-424-2408

ENROLLMENT INFORMATION

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|---|---|
| Classes Offered: | Part-Time: Monday-Thursday: 3-8:30 pm, 3:30-9:00 pm, or 4:00-9:30 pm. |
| Program Length: | 1728 Hours (5 Trimesters) |
| Program Location: | Pulaski Main Campus 1233 East College St., Pulaski, TN 38478 |
| Program Cost including Tuition, Fees plus Books/Supplies | \$1,203 per trimester x 5 trimesters= \$6,015 \$1,707.13 Book/Supplies; Total cost: \$7,722.13* *These costs are subject to change. |
| Requirements: | Complete the Admissions Process Checklist |
| Financial Aid: | Available to those who qualify |
| For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website: www.tcatpulaski.edu | |

Tennessee College of Applied Technology-Pulaski does not discriminate on the basis of race, color, religion, creed, ethnic or national origin, sex, disability, age status as a protected veteran or any other class protected by Federal or State laws and regulations and by Tennessee Board of Regents policies with respect to employment, programs, and activities. The following person has been designated to handle inquiries regarding nondiscrimination policies: Christa Williams, VP Student Services; christa.williams@tcatpulaski.edu; 931-424-2404; P.O. Box 614; Pulaski, TN 38478.

HVAC/R Evening Course Outline

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|---|-------------------|
| First Trimester | |
| Worker Characteristics | 6 Hours |
| Technology Foundations | 30 Hours |
| OSHA | 10 Hours |
| Shop Safety | 24 Hours |
| Refrigeration Fundamentals | 100 Hours |
| Tools Equipment and Shop Practices | 30 Hours |
| Electricity and Controls I | 130 Hours |
| Installation | 76 Hours |
| Green Awareness | 14 Hours |
| Employment Readiness Exam | 12 Hours |
| HVAC Mechanic Assistant Certificate | 432 Hours |
| Second Trimester | |
| Worker Characteristics | 6 Hours |
| Introduction to System Service | 134 Hours |
| Basic Automatic Controls | 160 Hours |
| Motors | 60 Hours |
| Domestic Appliances | 30 Hours |
| EPA | 30 Hours |
| Employment Readiness Exam | 12 Hours |
| Domestic Unit Repair Certificate | 864 Hours |
| Third Trimester | |
| Worker Characteristics | 6 Hours |
| Gas Electric and Heat | 180 Hours |
| Air Conditioning (Cooling) | 72 Hours |
| Heat Pumps | 108 Hours |
| Carbon Monoxide | 36 Hours |
| All Weather Systems Exam | 30 Hours |
| Heating, Ventilation, and Air Conditioning Diploma | 1296 Hours |
| Fourth Trimester | |
| Worker Characteristics | 6 Hours |
| Electricity and Controls II | 156 Hours |
| Commercial Refrigeration | 252 Hours |
| Employment Readiness Exam | 18 Hours |
| Heating, Ventilation, Air Conditioning, and Refrigeration Technician Diploma | 1728 Hours |

For More Information Please Contact
 Student Services Department
 P.O. Box 614, Pulaski, TN 38478
 931-424-4014

Accredited Member
 Commission of the Council on Occupational Education
 7840 Roswell Road, Building 300 Suite 325
 Atlanta, GA 30350
 Phone: (770) 396-2081 * (800) 917-2081