



**TENNESSEE  
COLLEGE OF APPLIED TECH  
PULASKI**

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

## HEATING, VENTILATION, AIR CONDITIONING and REFRIGERATION

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:**

Chris Perkins  
chris.perkins@tcatpulaski.edu  
931-424-2413

ENROLLMENT INFORMATION	
Classes Offered:	Full-Time: Monday-Friday 8-2:30 Part-Time: Monday-Friday 8-11 or 11:30-2:30
Program Length:	1,728 Hours (4 trimesters)
Program Location:	Pulaski Main Campus 1233 East College Street, Pulaski, TN 38478
Program Cost including Tuition, Fees and Books/Supplies:	\$1,440 per trimester x 4 trimesters=5,760 \$1,672.00 Books/Supplies + 100.00 Academic fee x 4 = 400.00 Total Cost \$7,832.00* *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, <a href="http://www.tcatpulaski.edu">www.tcatpulaski.edu</a>	

**Career Training**

Administrative Office  
Technology  
Automation, Process, and  
Production Systems  
Basic Dental Assisting  
Building Construction  
Technology  
CNC Machining Technology  
Computer Operating Systems  
Networking & Cybersecurity  
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

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](mailto:christa.williams@tcatpulaski.edu); 931-424-2404; P.O. Box 614; Pulaski, TN 38478.

# HVAC/R COURSE OUTLINE

<b>First Trimester</b>	<b>Hours</b>
Worker Characteristics	6
Technology Foundations	30
OSHA	10
Shop Safety	24
Refrigeration Fundamentals	100
Tools Equipment and Shop Practices	30
Electricity and Controls I	130
Installation	76
Green Awareness	14
Employment Readiness Exam	12
<b>HVAC Mechanic Assistant Certificate</b>	<b>432</b>

<b>Second Trimester</b>	<b>Hours</b>
Worker Characteristics	6
Introduction to System Service	134
Basic Automatic Controls	160
Motors	60
Domestic Appliances	30
EPA	30
Employment Readiness Exam	12
<b>Domestic Unit Repair Certificate</b>	<b>864</b>

<b>Third Trimester</b>	<b>Hours</b>
Worker Characteristics	6
Gas Electric and Heat	180
Air Conditioning (Cooling)	72
Heat Pumps	108
Carbon Monoxide	36
All Weather Systems Exam	30
<b>Heating, Ventilation, and Air Conditioning Technician Diploma</b>	<b>1296</b>

<b>Fourth Trimester</b>	<b>Hours</b>
Worker Characteristics	6
Electricity and Controls II	156
Commercial Refrigeration	252
Employment Readiness Exam	18
<b>Heating, Ventilation, Air Conditioning, and Refrigeration Technician Diploma</b>	<b>1728</b>

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