



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
Building Construction
Technology
CNC Machining Technology
Computer Operating Systems
and Network Technology
Electrical and Plumbing
Construction Technology
HVAC/R
Industrial Electricity
Industrial Maintenance
Technology
Patient Care Technology/
Medical Assisting
Pharmacy Technology
Practical Nursing
Residential/Commercial
Wiring and Plumbing
Welding Technology

Campus Locations

Lawrenceburg Instructional
Service Center
North Lawrence Instructional
Service Center
Northfield Instructional
Service Center
South Lawrence Instructional
Service Center



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 a 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:	\$1,312 per trimester x 4 trimesters=5,248 \$1,475 Books/Supplies; Total Cost \$6,723* *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

HVAC/R COURSE OUTLINE

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 Technician 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
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