



TCAT JACKSBORO

Heating, Air-Conditioning, Ventilation & Refrigeration

2026 - 2027

Cost Sheet

The HVAC & R program is an individual program that prepares students to work in a variety of jobs in the field of air conditioning and refrigeration. Students are prepared to troubleshoot, repair, and maintain residential and commercial refrigeration; air conditioning; heat pumps; humidifiers; and electrical and gas heating. Students also learn the fundamentals of electricity, electric motors, and controls. Graduates of the program will be able to install and braze refrigeration tubing, diagnose electrical problems; install duct systems; repair light commercial equipment; recover air conditioning and refrigeration refrigerants; locate and repair leaks.

****All book and supply costs are estimates and subject to change without notice.****

First Term	ISBN	432 Hours
Maintenance Fee		\$1,446.00 Due at Registration
Special Academic Fee		\$100.00 Due at Registration
Student Activity Fee		\$10.00 Due at Registration
Tech Access Fee		\$85.00 Due at Registration
Graduation Package		\$100.00 Due at Registration
Modern Refrigeration Bundle (Textbook, Workbook, w/Digital Access)	9798891181762	\$350.00 Approximate
OSHA Fee & EPA 608 Certification		\$125.00 Approximate
Subtotal		\$2,216.00

Second Term	ISBN	864 Hours
Maintenance Fee		\$1,446.00 Due at Registration
Special Academic Fee		\$100.00 Due at Registration
Student Activity Fee		\$10.00 Due at Registration
Tech Access Fee		\$85.00 Due at Registration
Subtotal		\$1,641.00

Third Term	ISBN	1512 Hours
Maintenance Fee {432 Hours}		\$1,446.00 Due at Registration
Special Academic Fee		\$100.00 Due at Registration
Student Activity Fee		\$10.00 Due at Registration
Tech Access Fee		\$85.00 Due at Registration
Subtotal		\$1,641.00

Fourth Term	ISBN	1728 Hours
Maintenance Fee {432 Hours}		\$1,446.00 Due at Registration
Special Academic Fee		\$100.00 Due at Registration
Student Activity Fee		\$10.00 Due at Registration
Tech Access Fee		\$85.00 Due at Registration
Subtotal		\$1,641.00

Tool Requirements (1st Trimester)

Safety Glasses, clear lens
 Multiuse Workers Gloves - Large (pair)
 Adjustable Wrench 6" (.938" opening)
 Adjustable Wrench 8" (1.18" opening)
 SDSET8US — 8 piece screwdriver set
 Fieldpiece HS-36 Meter
 Tool Bag
 10-20 AWG SOL COMPACT (\$1020SOL-US)
 NDSET7US — 7 piece Nut Driver Set
 6" Slip Joint Pliers with Wire Cutter
 Terminal Crimper (dip handle)
 Long Nose Pliers 7" (dip grip)
 Triple Header Benders, 180° Bender, 3/16"
 Fieldpiece SMG5 Digital Megohmmeter
 108 pc. Mechanics Tool Kit

Estimated Tool Cost (1st Trimester) \$1,750.00

Tool Requirements (2nd Trimester)

Ratchet Wrench sized 1/4, 3/8, 3/16, & 5/16
 Hex Key Adapter for Refrigeration Wrench
 60" Recharging Hose
 6" low loss ball valve adapter hoses (3)
 Imperial 644-CC Manifold Gauge Set
 1/4"-5-1/8" OAL — Chrome Combo Wrench
 7/8" — 12-1/2" OAL — Chrome Combo Wrench
 11 pc — 12-point — Metric Combo Wrench Set
 Flaring, Cutting & Swaging Kit
 Tongue & Groove Pliers 10" Long
 Diagonal Cut Pliers 6" (DCP6D)
 3/4" x 16 ft Tape Measure
 Ball Pein Hammer 12 oz (Hickory Handle)
 Wide Beam COB Penlight (3 settings)
 Core Removal Tool
 Inspection Mirror (2-1/4" circular, extends 10"-14")

Estimated Tool Cost (2nd Trimester)	\$1,150.00	\$1,150.00
Estimated Tool Cost (2nd Trimester)		
Note: Steel-toe or composite-toe boots required	\$150.00	Estimated

TOTAL ESTIMATED COST FOR PROGRAM	\$7,139.00
TOTAL ESTIMATED COST INCLUDING EXTERNAL COSTS	\$10,189.00

Updated: June 2026