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
Modern Refrigeration Bundle (Textbook, Workbook, w/Digital Access)	9798891181762	$350.00	Approximate
OSHA Fee & EPA 608 Certification		$125.00	Approximate
Subtotal		**$2,116.00**	

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
Graduation Package		$100.00	Due at Registration
Student Activity Fee		$10.00	Due at Registration
Tech Access Fee		$85.00	Due at Registration
Subtotal		**$1,741.00**	

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 (S1020SOL-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	
Estimated Tool Cost (2nd Trimester)		**$1,150.00**
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