

Tennessee College of Applied Technology - Shelbyville 1405 Madison Street Shelbyville, TN 37160 (931) 685-5013 phone (931) 685-5016 fax www.tcatshelbyville.edu

## Heating, Ventilation, Air Conditioning & Refrigeration Technology Part-time Evening Program Estimated Student Expense

Total Estimated Program Expense			40.000.00	
Tuition – Maintenance, Technology, and Student Activity Fees (\$860.00 x 8 trimesters)			\$6,880.00	
Special Academic Fee (\$100.00 x 8 trimesters)  Estimated Books & Supplies Expense  Estimated Tool List (estimated prices for Tool List)			\$800.00	
			\$782.50 \$2,522.00	
Total Estimated F	Program Expense		\$11,069.50	
1st Trimester Expense				
Tuition – Maintenance, Technology, and Student Activity Fees			\$860.00	
Special Academic Fee			\$100.00	
Books and Supplies	ISBN	ISBN		
Safety Glasses			Estimated Cost \$7.00	
Basic Hand Tools and Tool Bag per separate tool list				
Modern Refrigeration and Air Conditioning 22 <sup>nd</sup> edition	070-8888	17/1800	\$230.00	
Basic Refrigeration and Charging Procedures		979-8888174890 978-1930044135		
Electrical Theory and Applications for HVACR		978-1930044326		
Estimated 1st Trimester			\$67.00 <b>\$365.00</b>	
2nd Trimester Expense			φσσσ.σσ	
Tuition – Maintenance, Technology, and Student Activity Fees			\$860.00	
Special Academic Fee			\$100.00	
Books and Supplies			7-20-03	
This Green Awareness	978-19300	44449	\$87.00	
Estimated 2 <sup>nd</sup> Trimeste			\$87.00	
3th Trimester Expense				
Tuition – Maintenance, Technology, and Student Activity Fees			\$860.00	
Special Academic Fee			\$100.00	
System Diagnostics and Troubleshooting Procedures	978-19300	44151	\$62.00	
Estimated 3rd Trimester Book and Tool Expense			\$62.00	
4th Trimester Expense				
Tuition – Maintenance, Technology, and Student Activity Fees			\$860.00	
Special Academic Fee			\$100.00	
5th Trimester Expense				
Tuition – Maintenance, Technology, and Student Activity Fees			\$860.00	
Special Academic Fee			\$100.00	
Carbon Monoxide Clear and Present Danger	978-19300	44203	\$70.00	
Estimated 5th Trimest	ter Book and Tool	Expense	\$70.00	
6th Trimester Expense				
Tuition – Maintenance, Technology, and Student Activity Fees			\$860.00	

Special Academic Fee		\$100.00	
7th Trimester Expense			
Tuition – Maintenance, Technology, and Student Activity Fees		\$860.00	
Special Academic Fee		\$100.00	
Commercial Refrigeration for Air Conditioning Technicians, 3 <sup>rd</sup> Edition	978-1305506435	\$205.50	
Estimated 7 <sup>th</sup> Trimester	Book and Tool Expense	\$205.50	
8th Trimester Expense			
Tuition – Maintenance, Technology, and Student Activity Fees		\$860.00	
Special Academic Fee		\$100.00	
The following exams will be paid for as needed:			
Freon Recover Test (EPA 608)	\$35.00		
OSHA 10 Construction Safety Exam	\$50.00		
Recommended Tool List (Milwaukee is just a recommendation)		Estimated Prices	
Milwaukee M12 Fuel 2 pc kit ½" Hammer Drill & ¼" Impact	2598-22	\$265.00	
Milwaukee Ultimate Jobsite Backpack	48-22-8200	\$140.00	
Milwaukee 6-in-1 Combination Wire Pliers, 2.03"x7.75"	48-22-3079	\$35.00	
Milwaukee 9" Leverage Lineman Pliers w/crimper	48-22-6100	\$74.00	
Malco ¼" & 5/16" reversible Hex Chuck Driver	48-22-0100	\$17.00	
Milwaukee Shockwave Impact Duty Driver bit set 56-piece	48-32-4017	\$142.00	
Milwaukee Locking Bit Holder 12"	48-32-4533	\$35.00	
Klein ¼" x 5/16" Fully reversible ratcheting offset box wrench	68234	\$26.00	
Klein 3/16" x 5/16" squarex ¼"3/8" square ratcheting refrigeration	00234	720.00	
wrench	68310	\$27.00	
Milwaukee 1" mini copper tubing cutter	48-22-4251	\$32.00	
Plumb Pak 8' PVC tubing cutter	PP840-35	\$19.00	
Crescent 6" & 10" adjustable wrench set		\$38.00	
Husky 9" torpedo level		\$42.00	
Husky round lighted inspection mirror		\$32.00	
Titan 5/7 8" round magnetic tray	21264	\$17.00	
Rexbeti hex key allen wrench set 35-piece set		\$41.00	
Husky compact folding lock back utility knife		\$28.00	
Klein 4 in 1 precision electronics screwdriver	32581	\$23.00	
Milwaukee packout 5 compartment low profile compact small parts	40.22.0450	¢12C 00	
organizer	48-22-8450	\$126.00	
Irwin 8-vice straight jaw groove Lock Plier	4935095	\$28.00	
SE TL10 10-piece alligator clips		\$13.00	
Hilmor service hex adapter	1839046	\$16.00	
Supco 3amp circuit breaker push button		\$37.00	
Fluke 373 Multimeter		\$420.00	
Fieldpiece JL3KH6 job link charge & air kit		\$643.00	
Appion CTEE14 Mega seal low-loss charging T-fitting ¼" FL		\$91.00	
Appion MGAVCT standard vacuum-rated valve core removal tool		\$115.00	
То	tal Estimated Tools	\$2522.00	

Please Note: Prices effective September 02, 2025. All prices are subject to change without notice. Tuition usually increases in September of each year.