

TENNESSEE COLLEGE OF APPLIED TECHNOLOGY
HEATING, AIR-CONDITIONING, VENTILATION, AND REFRIGERATION - 1728 Clock Hours

Estimated cost of required textbooks and tuition

FY 2024-2025

Revised		
TEXTBOOKS AND TUITION FOR 1ST TRIMESTER:	ISBN	Cost
Modern Refrigeration and Air Conditioning - Textbook	9781635638776	\$ 190.00
Modern Refrigeration and Air Conditioning - Workbook	9781635637873	\$ 50.00
Interplay Learning student license		\$ 210.00
Tuition and fees due first day of class		\$ 1,540.00
Tools and Equipment required in 1st trimester:		
Safety Glasses, clear lens		\$ 8.00
Multiuse Workers Gloves - Large (pair)		\$ 6.00
Adjustable Wrenches, 6 in long, .938 in opening, Chrome		\$ 30.00
Adjustable Wrenches, 8 in long, 1.18 in opening, Chrome		\$ 30.00
SDSET8US, 8 piece screwdriver set		\$ 80.00
Fieldpiece HS-36 Meter		\$ 395.00
Tool Bag		\$ 260.00
10-20 AWG SOL WRE STP COMPCT (\$1020SOL-US)		\$ 30.00
NDSET7US, 7 piece Nut Driver Set		\$ 85.00
6" slip Joint Pliers with Wire Cutter		\$ 20.00
CUTTER, TERMINAL CRIMPER DIP HANDLE		\$ 42.00
PLIERS, LNP7D LONG NOSE 7" DIP GRIP		\$ 35.00
Triple Header Benders, 180° Bender, 3/16"		\$ 60.00
Fieldpiece SMG5 Digital Megohmmeter		\$ 195.00
108 pc. Mechanics Tool Kit		\$ 125.00
OSHA-10 test		\$ 35.00
EPA - 608 test		\$ 35.00
*Steel-toed, composite or aluminum work boots		\$ 275.00
Subtotal Tools:		\$ 1,746.00
Estimated total - 1st trimester:		\$ 3,736.00
TEXTBOOK AND TUITION FOR 2nd TRIMESTER:		
Tuition and fees due first day of class		\$ 1,540.00
Tools and Equipment required in 2nd trimester:		
Ratchet Wrench sized 1/4, 3/8, 3/16, & 5/16		\$ 20.00
Hex Key Adapter for Refrigeration Wrench		\$ 15.00
60" Recharging Hose		\$ 50.00
6" low loss ball valve adapter hoses, set of three		\$ 80.00
Imperial 644-CC Manifold Gauge Set		\$ 295.00
1/4" - 5-1/8" OAL - Chrome Satin Combination Wrench		\$ 10.00
7/8" - 12-1/2" OAL - Chrome Satin Combination Wrench		\$ 15.00
11 pc. - 12 point - 6; 8; 9; 10; 11; 12; 13; 15; 17; 18; 19mm - Metric Combination Wrench Set		\$ 50.00
Flaring, Cutting & Swaging Kit		\$ 210.00
Tongue & Groove Pliers 10" Long		\$ 30.00
PLIER, DIAG CUT 6IN DIP GRIP DCP6D		\$ 35.00
3/4" wide x 16 ft Long Tape Measure		\$ 15.00
Ball Pein Hammer 12 oz; Hickory Handle		\$ 25.00
Wide Beam COB Penlight with 3 light settings		\$ 20.00
Core Removal Tool		\$ 45.00
Mirror - 2-1/4in. Circular - Extends 10in. To 14in.		\$ 20.00
Subtotal Tools:		\$ 935.00
Estimate Total for 2nd Trimester		2,475.00
TEXTBOOK AND TUITION FOR 3rd TRIMESTER:		
Tuition and fees due first day of class		\$ 1,540.00
TEXTBOOK AND TUITION FOR 4th TRIMESTER:		
Tuition and fees due first day of class		\$ 1,540.00
Graduation Costs estimated at \$30 (includes cap, gown, tassel; Cords \$10 ea if applicable)		
Textbook and tool prices are subject to change - Revised July 2024		