

TENNESSEE COLLEGE OF APPLIED TECHNOLOGY		
HEATING, AIR-CONDITIONING, VENTILATION, AND REFRIGERATION - 1728 Clock Hours		
Estimated cost of required textbooks and tuition		
FY 2022-2023		
	ISBN	Cost
TEXTBOOKS AND TUITION FOR 1ST TRIMESTER:		
Modern Refrigeration and Air Conditioning - Textbook	9781635638776	\$ 150.00
Modern Refrigeration and Air Conditioning - Workbook	9781635637873	\$ 45.00
EduHub by Goodheart-Willcox for Modern Refrigeration and Air Conditioning [will update when available]		\$ 145.00
Duct Calculator		\$ 15.00
Tuition and fees due first day of class		\$ 1,336.00
Estimated total - 1st trimester:		\$ 1,691.00
Tools and Equipment required in 1st trimester:		
Safety Glasses, clear lens		\$ 10.00
Multiuse Workers Gloves - Large (pair)		\$ 8.00
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		\$ 75.00
Fieldpiece SC35 Clamp Meter		\$ 325.00
Tool Bag		\$ 50.00
10-20 AWG SOL WRE STP COMPCT (S1020SOL-US)		\$ 22.00
NDSET7US, 7 piece Nut Driver Set		\$ 95.00
6" slip Joint Pliers with Wire Cutter		\$ 18.00
CUTTER, TERMINAL CRIMPER DIP HANDLE		\$ 42.00
PLIERS, LNP7D LONG NOSE 7" DIP GRIP		\$ 35.00
Triple Header Benders, 180° Bender, 3/16"		\$ 65.00
Fieldpiece SMG5 Digital Megohmmeter		\$ 155.00
108 pc. Mechanics Tool Kit		\$ 120.00
OSHA-10 test		\$ 35.00
EPA - 608 test		\$ 35.00
		\$ 1,150.00
TEXTBOOK AND TUITION FOR 2nd TRIMESTER:		
Tuition and fees due first day of class		\$ 1,336.00
Tools and Equipment required in 2nd trimester:		
Ratchet Wrench sized 1/4, 3/8, 3/16, & 5/16		\$ 25.00
Hex Key Adapter for Refrigeration Wrench		\$ 20.00
60" Recharging Hose		\$ 60.00
6" low loss ball valve adapter hoses, set of three		\$ 85.00
Imperial 644-CC Manifold Gauge Set		\$ 225.00
1/4" - 5-1/8" OAL - Chrome Satin Combination Wrench		\$ 15.00
7/8" - 12-1/2" OAL - Chrome Satin Combination Wrench		\$ 25.00
11 pc. - 12 point - 6; 8; 9; 10; 11; 12; 13; 15; 17; 18; 19mm - Metric Combination Wrench Set		\$ 45.00
Flaring, Cutting & Swaging Kit		\$ 210.00
Tongue & Groove Pliers 10" Long		\$ 30.00
PLIER, DIAG CUT 6IN DIP GRIP DCP6D		\$ 45.00
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		\$ 25.00
Core Removal Tool		\$ 55.00
Mirror - 2-1/4in. Circular - Extends 10in. To 14in.		\$ 25.00
	TOTAL	2,266.00
TEXTBOOK AND TUITION FOR 3rd TRIMESTER:		
Tuition and fees due first day of class		\$ 1,336.00
TEXTBOOK AND TUITION FOR 4th TRIMESTER:		
Tuition and fees due first day of class		\$ 1,336.00
Textbook and tool prices are subject to change - Revised May 2022		