

Tennessee College of Applied Technology - Dickson

Heating, Ventilation, Air Conditioning, Refrigeration

Cost of Books, Supplies & Tools

as of 09/01/15

For information about our graduation rates, placement rates and other important information, please visit our website at www.tcatdickson.edu/day-programs

First Trimester

Books	ISBN & Vendor		Est. Prices Dickson	Est. Prices Clarskville
Modern Refrigeration & Air Conditioning 19ed Textbook + GW Online Component	9781619608801	Goodheart	** \$170.00	\$170.00
Electricity for Refrigeration, Heating and Air Conditioning TB + Lab Manual Package	9781305133921	Cengage	** \$196.00	\$196.00
OSHA 10 Training Class			** \$15.00	\$15.00
OSHA Safety Handbook 7th ed.	200-ORSD	JJ Keller	** \$15.00	\$15.00
Total First Trimester Books			\$396.00	\$396.00

<i>First Trimester Supplies</i>				Est. Prices Dickson	Est. Prices Clarskville
Safety Glasses	<i>Taxable Item</i>	Grainger	** \$6.59	\$6.57	
Total First Trimester Supplies				\$6.59	\$6.57

First Trimester Tests

Mandatory Tests: (for diploma)				
(ESCO) Section 608 EPA Certification for AC & Refrigeration			\$33.00	\$33.00
Total First Trimester Tests			\$33.00	\$33.00

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First Trimester

Tools	Vendor & Part #	Est. Prices Dickson	Est. Prices Clarsville
6" Long Nose Pliers Taxable Items	Johnstone#H24-132	\$34.02	\$33.95
8" Adjustable Wrench	Johnstone#H27-644	\$23.05	\$23.00
8" Sq Nose Side Pliers	Johnstone#H25-276	\$42.80	\$42.71
3/16" Tip Screwdriver	Johnstone#H24-911	\$14.27	\$14.24
1/4" Tip Screwdriver	Johnstone#H24-912	\$17.56	\$17.52
#1 Phillips Screwdriver	Johnstone#H24-909	\$14.27	\$14.24
#2 Phillips Screwdriver	Johnstone#H24-910	\$15.37	\$15.33
Nut Driver Set	Johnstone#H25-578	\$17.56	\$17.52
Wire Stripper	Johnstone#H25-935	\$18.66	\$18.62
Tool Bag	Johnstone#H25-524	\$25.24	\$25.19
SC 420 Clamp-on Multimeter	Johnstone#H27-750	\$184.38	\$183.96
Gauge Manifold	Johnstone#H26-423	\$97.68	\$97.46
Charging Hoses w/Ball Valve	Johnstone #B13-534	\$142.68	\$142.35
Total First Trimester Tools		\$647.53	\$646.05

First Trimester Tuition & Fees

Tuition		\$1,175.00	\$1,175.00
Student Activity Fee		\$10.00	\$10.00
Total First Trimester Tuition & Fees		\$1,185.00	\$1,185.00

Grand Total First Trimester Costs	\$2,268.11	\$2,266.62
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Second Trimester Tuition & Fees

Tuition		\$1,175.00	\$1,175.00
Student Activity Fee		\$10.00	\$10.00
Total Second Trimester Tuition & Fees		\$1,185.00	\$1,185.00

Grand Total Second Trimester Costs	\$1,185.00	\$1,185.00
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Third Trimester

Books	ISBN & Vendor	Est. Prices Dickson	Est. Prices Clarksville
Commercial Ref. for AC Tech 2nd ed.	1428335269 /Majors	\$180.00	\$180.00
Book: Carbon Monoxide~A Clear and Present Danger (required for Carbon Monoxide Test)	1930044208/Esco	\$31.00	\$31.00
Total Third Trimester Books		\$211.00	\$211.00

Third Trimester Tests

Mandatory Tests: (for diploma)			
(ESCO E.R.C.) Electrical (#101)		\$20.00	\$20.00
(ESCO E.R.C.) Light Commercial Ref. (#103)		\$20.00	\$20.00
(ESCO E.R.C.) Air Conditioning (#111)		\$20.00	\$20.00
(ESCO E.R.C.) Carbon Monoxide Combustion Analysis		\$20.00	\$20.00
Total Third Trimester Tests		\$80.00	\$80.00

Third Trimester Tuition & Fees

Tuition		\$1,175.00	\$1,175.00
Student Activity Fee		\$10.00	\$10.00
Total Third Trimester Tuition & Fees		\$1,185.00	\$1,185.00

Grand Total Third Trimester Costs		\$1,476.00	\$1,476.00
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Fourth Trimester Tuition & Fees

Tuition		\$1,175.00	\$1,175.00
Student Activity Fee		\$10.00	\$10.00
Total Fourth Trimester Tuition & Fees		\$1,185.00	\$1,185.00

Grand Total Fourth Trimester Costs		\$1,185.00	\$1,185.00
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Fifth Trimester

Books	ISBN & Vendor	Est. Prices Dickson	Est. Prices Clarskville
Fluid Power	1557690294 Parker Hannifin	\$42.00	\$42.00
Total Fifth Trimester Books		\$42.00	\$42.00

Fifth Trimester Tuition & Fees

Tuition		\$1,175.00	\$1,175.00
Student Activity Fee		\$10.00	\$10.00
Total Fifth Trimester Tuition & Fees		\$1,185.00	\$1,185.00

Grand Total Fifth Trimester Costs	\$1,227.00	\$1,227.00
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	Est. Prices Dickson	Est. Prices Clarskville
Tuition per Trimester	\$1,175.00	\$1,175.00
Total Tuition (5 Trimesters)	\$5,875.00	\$5,875.00
Fees per Trimester \$10.00 x 5 Trimesters	\$50.00	\$50.00
Total Books	\$649.00	\$649.00
Tools, Supplies & Tests	\$767.12	\$765.62
Total estimated cost of program	\$7,341.12	\$7,339.62
** Total Books/Supplies Required for First Day	\$402.59	\$402.57
** Total Books, Fees, Supplies & Tuition Required for First Day	\$1,587.59	\$1,587.57
Total optional tests	\$2,106.00	\$2,106.00

(High School Dual Enrollees get Modern Refrigeration Textbook, Electricity for Refrigeration Textbook, OSHA Handbook, Safety Glasses)

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Optional Certification Tests:

Taken in 3rd or 4th trimester

ESCO Employment Readiness Certification Tests:

R410A Universal Certification

Light Commercial Air Conditioning

Heat Pump

Gas Heat

Oil Heat

Electrical Heat

Residential Low Pressure Hydronic Heat

NATE TEST: Core Exam

PLUS ONE SPECIALITY TESTS:

Air Conditioning Service

Air Distribution Service

Air to Air Heat Pump Service

Gas Heating (Air) Service

Oil Heating (Air) Service

Hydronics Gas Service

Hydronics Oil Service

Light Commercial Refrigeration Service

Commercial Refrigeration Service

Air Conditioning Installation

Air Distribution Installation

Air to Air Heat Pump Installation

Gas Heating (Air) Installation

HVAC Efficiency Analyst (Senior)

	Est. Prices Dickson	Est. Prices Clarskville
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	\$189.00	\$189.00
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Total Optional Tests	\$2,106.00	\$2,106.00
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(EPA Certification test is Universal, Type I, II, II - 100 questions, 25 each part. For test only contact CC Dickson and Grainger in Nashville.)