

Tennessee College of Applied Technology - Dickson

Industrial Electrical Maintenance/Mechatronics

as of 09/04/19

Cost of Books, Supplies & Tools*

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

(Highschoolers get Industrial Maintenance TB, Electricity TB, Electricity WB, Core Curriculum, Troubleshooting Skills, Amatrol, Safety Glasses, and Calculator.)

***Book costs and supplies are approximate and subject to change without notice.**

First Trimester

Books	ISBN & Vendor			Est. Prices Dickson	Est. Prices Clarksville	Non-Tax Entities
Industrial Maintenance TB 2ed	9781133131199	Cengage	**	\$189.00	\$189.00	\$189.00
Industrial Maintenance WB 2ed	9781133131212	Cengage	**	\$83.00	\$83.00	\$83.00
Ugly's Electrical Reference 2017	9781284119367	Rittenhouse	**	\$22.00	\$22.00	\$22.00
Industrial Maintenance & Mechatronics TB 1e	9781635634273	Goodheart	**	\$126.00	\$126.00	\$126.00
Electricity and Electronics TB	9781590708835	Goodheart	**	\$101.00	\$101.00	\$101.00
Electricity and Electronics WB	9781590708842	Goodheart	**	\$32.00	\$32.00	\$32.00
Core Curriculum Trainee Guide + Access Card, 5th ed	9780134391922	Pearson	**	\$100.00	\$100.00	\$100.00
Troubleshooting Skills	710720	Telemedia/SchoolCraft	**	\$49.00	\$49.00	\$49.00
Amatrol Online Curriculum	Technical Training Aids		**	\$151.00	\$151.00	\$151.00
OSHA 10 Training Class			**	\$50.00	\$50.00	\$50.00
Total First Trimester Books				\$903.00	\$903.00	\$903.00

First Trimester Supplies

Safety Glasses	<i>Taxable Item</i>	Grainger	**	\$4.39	\$4.38	\$4.00	
Casio fx-115w Plus Calculator	<i>Taxable Item</i>	D & H	**	\$19.76	\$19.71	\$18.00	
WEmake FM Radio Soldering Kit w/tools	<i>Taxable Item</i>	WM-SK200	Amazon	**	\$35.12	\$35.04	\$32.00
Total First Trimester Supplies				\$59.27	\$59.13	\$54.00	

First Trimester Tools

First Trimester IMT Tools <i>Taxable Items</i>	see tool list below		\$651.92	\$650.43	\$594.00
Total First Trimester Tools			\$651.92	\$650.43	\$594.00

First Trimester Tuition & Fees

Tuition			\$1,302.00	\$1,302.00	\$1,302.00
Student Activity Fee			\$10.00	\$10.00	\$10.00
Total First Trimester Tuition & Fees			\$1,312.00	\$1,312.00	\$1,312.00

Grand Total First Trimester Costs			\$2,926.18	\$2,924.56	\$2,863.00
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Second Trimester

Books	ISBN & Vendor		Est. Prices Dickson	Est. Prices Clarskville	Non-Tax Entities	
Pocket Welding Guide	9781936058280	Hobart		\$9.00	\$9.00	\$9.00
Fluid Power Data Book	010104478	Womack Machine		\$3.00	\$3.00	\$3.00
Mechanical Trades Pocket Manual	9780764541704	John Wiley		\$26.00	\$26.00	\$26.00
Modern Refrigeration & Air Conditioning 20ed Textbook, Work Book & Lab Manual	9781631263576	Goodheart		\$184.00	\$184.00	\$184.00
Amatrol Online Curriculum	Technical Training Aids			\$151.00	\$151.00	\$151.00
Total Second Trimester Books				\$373.00	\$373.00	\$373.00

Second Trimester Tools

Second Trimester Welding Tools <i>Taxable Items</i>	see tool list below		\$88.90	\$88.70	\$81.00
Total Second Trimester Tools			\$88.90	\$88.70	\$81.00

Second Trimester Tuition & Fees

Tuition			\$1,302.00	\$1,302.00	\$1,302.00
Student Activity Fee			\$10.00	\$10.00	\$10.00
Total Second Trimester Tuition & Fees			\$1,312.00	\$1,312.00	\$1,312.00

Grand Total Second Trimester Costs			\$1,773.90	\$1,773.70	\$1,766.00
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Cost of Books, Supplies & Tools*

Third Trimester

Books	ISBN & Vendor			Est. Prices Dickson	Est. Prices Clarskville	Non-Tax Entities
Electric Motor Controls TB 5ed	9780826912268	ATP		\$138.00	\$138.00	\$138.00
Electric Motor Controls WB 5ed	9780826912275	ATP		\$39.00	\$39.00	\$39.00
Printreading for 2017 NEC	9780826915733	ATP		\$65.00	\$65.00	\$65.00
NEC 2017 Code Book	9781455912773	Cengage		\$100.00	\$100.00	\$100.00
Electrical Wiring Residential W/ Mind Tap	9781337577342	Cengage		\$155.00	\$155.00	\$155.00
Amatrol Online Curriculum	Technical Training Aids			\$151.00	\$151.00	\$151.00
Total Third Trimester Books				\$648.00	\$648.00	\$648.00

Third Trimester Tools

Third Trimester Tools	<i>Taxable Items</i>	see tool list below		\$137.19	\$136.88	\$125.00
Total Third Trimester Tools				\$137.19	\$136.88	\$125.00

Third Trimester Tuition & Fees

Tuition				\$1,302.00	\$1,302.00	\$1,302.00
Student Activity Fee				\$10.00	\$10.00	\$10.00
Total Third Trimester Tuition & Fees				\$1,312.00	\$1,312.00	\$1,312.00

Grand Total Third Trimester Costs				\$2,097.19	\$2,096.88	\$2,085.00
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Cost of Books, Supplies & Tools*

Fourth Trimester

				Est. Prices	Est. Prices	Non-Tax
Books	ISBN & Vendor			Dickson	Clarskville	Entities
Instrumentation Textbook 6th Ed	9780826934420	ATP		\$193.00	\$193.00	\$193.00
Instrumentation Workbook 6th Ed	9780826934437	ATP		\$39.00	\$39.00	\$39.00
Introduction to PLC TB 2nd ed	9780826913852	ATP		\$118.00	\$118.00	\$118.00
Introduction to PLC Manual w/CD 2nd ed	9780826913876	ATP		\$72.00	\$72.00	\$72.00
Amatrol Online Curriculum	Technical Training Aids			\$151.00	\$151.00	\$151.00
Total Fourth Trimester Books				\$573.00	\$573.00	\$573.00

Fourth Trimester Tuition & Fees

Tuition			\$1,302.00	\$1,302.00	\$1,302.00
Student Activity Fee			\$10.00	\$10.00	\$10.00
Total Fourth Trimester Tuition & Fees			\$1,312.00	\$1,312.00	\$1,312.00

Grand Total Fourth Trimester Costs			\$1,885.00	\$1,885.00	\$1,885.00
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Cost of Books, Supplies & Tools*

Fifth Trimester

Books	ISBN & Vendor		Est. Prices	Est. Prices	Non-Tax
			Dickson	Clarsville	Entities
Fluid Power Systems 2nd ed	9780826936349 ATP		\$131.00	\$131.00	\$131.00
Amatrol Online Curriculum	Technical Training Aids		\$151.00	\$151.00	\$151.00
Total Fifth Trimester Books			\$282.00	\$282.00	\$282.00

Fifth Trimester Tuition & Fees

Tuition			\$1,302.00	\$1,302.00	\$1,302.00
Student Activity Fee			\$10.00	\$10.00	\$10.00
Total Fifth Trimester Tuition & Fees			\$1,312.00	\$1,312.00	\$1,312.00

Grand Total Fifth Trimester Costs			\$1,594.00	\$1,594.00	\$1,594.00
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Industrial Electrical Maintenance/Mechatronics Cost of Books, Supplies & Tools*

as of 09/04/19

First Trimester Tools:

Tools	Part # & Vendor		Est. Prices Dickson	Est. Prices Clarskville	Non-Tax Entities
6" Long Nose Pliers	#H24-132	Johnstone	\$41.71	\$41.61	\$38.00
3/16" Tip Screwdriver	#H24-911	Johnstone	\$17.56	\$17.52	\$16.00
1/4" Tip Screwdriver	#H24-912	Johnstone	\$20.85	\$20.81	\$19.00
#1 Phillips Screwdriver	#H24-909	Johnstone	\$16.46	\$16.43	\$15.00
#2 Phillips Screwdriver	#H24-910	Johnstone	\$17.56	\$17.52	\$16.00
Wire Stripper	#H25-935	Johnstone	\$20.85	\$20.81	\$19.00
Tool Pouch	#H25-524	Johnstone	\$29.63	\$29.57	\$27.00
Multimeter Fluke #117/323 (5pc Combo Kit)	#4296041	Johnstone	\$487.29	\$486.18	\$444.00
			\$651.92	\$650.43	\$594.00

Second Trimester Welding Tools:

Tools	Part # & Vendor		Est. Prices Dickson	Est. Prices Clarskville	Non-Tax Entities
Helmet	FIB 960 GV	AirGas	\$55.97	\$55.85	\$51.00
Shade 10 Filter Lens	64005006	AirGas	\$2.20	\$2.19	\$2.00
Clear Lens (2)	64005014	AirGas	\$2.20	\$2.19	\$2.00
Welding Goggles Shade 5 Lens 2x4 1/4	64005090	AirGas	\$9.88	\$9.86	\$9.00
Leather Gloves	64057601	AirGas	\$7.68	\$7.67	\$7.00
Chipping Hammer	64002008	AirGas	\$7.68	\$7.67	\$7.00
Wire Brush	64000442	AirGas	\$3.29	\$3.29	\$3.00
			\$88.90	\$88.70	\$81.00

Third Trimester Tools:

Tools	Part # & Vendor		Est. Prices Dickson	Est. Prices Clarskville	Non-Tax Entities
8" Adjustable Wrench	#H27-644	Johnstone	\$20.85	\$20.81	\$19.00
8" Square Nose Side Cutters	#H25-276	Johnstone	\$50.49	\$50.37	\$46.00
Crimping Tool	#H25-934	Johnstone	\$28.54	\$28.47	\$26.00
Fuse Puller	#H24-622	Johnstone	\$23.05	\$23.00	\$21.00
Tape Measure (25 ft)	#H25-620	Johnstone	\$14.27	\$14.24	\$13.00
			\$137.19	\$136.88	\$125.00

	Est. Prices Dickson	Est. Prices Clarskville	Non-Tax Entities
Tuition per Trimester	\$1,302.00	\$1,302.00	\$1,302.00
Total Tuition (5 Trimesters)	\$6,510.00	\$6,510.00	\$6,510.00
Fees per Trimester \$10.00 x 5 Trimesters	\$50.00	\$50.00	\$50.00
Total Books	\$2,779.00	\$2,779.00	\$2,779.00
Tools & Supplies	\$937.27	\$935.13	\$854.00
Total estimated cost of program	\$10,276.27	\$10,274.13	\$10,193.00
** Total Books/Supplies Required for First Day	\$962.27	\$962.13	\$957.00
** Total Books, Fees, Supplies & Tuition Required for First Day	\$2,274.27	\$2,274.13	\$2,269.00