

Industrial Electrical Maintenance/Mechatronics Fall 2023 Estimated Student Expense

First Trimester Estimated Expense

Tuition, Technology Access Fee, and Student Activity Fee		\$1,373.00
Books	ISBN#	Estimated Cost
Industrial Maintenance TB 2ed	9781133131199	\$246.00
Industrial Maintenance WB 2ed	9781133131212	\$92.25
Ugly's Electrical Reference 2020	9781284194531	\$27.00
Electricity and Electronics TB 11ed	9781635638707	\$123.00
Electricity and Electronics WB 11ed	9781635638714	\$38.25
Core Curriculum Trainee Guide + Access Card, 5th ed	9780134391922	\$127.00
Supplies*		Estimated Cost
Safety Glasses, Scientific Calculator, Wemake FM Radio Soldering Kit w/Tools		\$59.27
Tools - Estimated Cost*		\$651.92
6" Long Nose Pliers, 3/16" Tip Screwdriver, 1/4" Tip Screwdriver, #1 Phillips Screwdriver, #2 Phillips Screwdriver, Wire Stripper, Tool Pouch, Multimeter CAT III 600V (please see instructor for details)		
Total Estimated First Trimester Cost		\$2,737.69

Second Trimester Estimated Expense

Tuition, Technology Access Fee, and Student Activity Fee		\$1,373.00
Books	ISBN#	Estimated Cost
Pocket Welding Guide	9781936058280	\$9.25
Fluid Power Data Book	010104478	\$1.75
Mechanical Trades Pocket Manual	9780764541704	\$24.25
Precision Machining Technology TB 3ed	9781337795302	\$143.25
Precision Machining Technology WB 3ed	9781337795319	\$30.75
Tools - Estimated Cost*		\$256.94
Helmet, Shade 10 Filter Lens, Clear, Lens (2), Welding Goggles Shade 5 Lens 2x4 1/4, Leather Gloves, Chipping Hammer, Wire Brush, 12" Plastic Tool Box, 3/8" Tool Bits HS - qty 4, Center Drill - qty 2, Round Edge Finders, 6" Scale English, Flat Center Gauge, Center Punch, Scribe, Dial Caliper, 0-1 Micrometer		
Total Estimated Second Trimester Cost		\$1,839.19

Third Trimester Estimated Expense		
Tuition, Technology Access Fee, and Student Activity Fee		\$1,373.00
Books	ISBN#	Estimated Cost
Electric Motor Controls TB 5ed	9780826912268	\$235.50
Electric Motor Controls WB 5ed	9780826912275	\$46.75
Printreading for 2020 NEC	9780826915757	\$78.50
NEC 2020 Code Book	9781455922970	\$120.50
Troubleshooting Skills	710720	\$53.75
Tools - Estimated Cost*		\$137.19
8" Adjustable Wrench, 8" Square Nose Side Cutters, Crimping Tool, Fuse Puller, Tape Measure (25 ft)		
Total Estimated Third Trimester Cost		\$2,045.19
Fourth Trimester Estimated Expense		
Tuition, Technology Access Fee, and Student Activity Fee		\$1,373.00
Books	ISBN#	Estimated Cost
Instrumentation Textbook 7ed	9780826934468	\$217.50
Instrumentation Workbook 7ed	9780826934475	\$46.75
Programmable Logic Controllers: Principles & Application 3ed	9780826913968	\$215.00
Programming FANUC Robots For Industry Applications 1ed	9780826934123	\$100.75
Total Estimated Fourth Trimester Cost		\$1,953.00
Fifth Trimester Estimated Expense		
Tuition, Technology Access Fee, and Student Activity Fee		\$1,373.00
Books	ISBN#	Estimated Cost
Fluid Power Systems 2nd ed	9780826936349	\$166.50
Total Estimated Fifth Trimester Cost		\$1,539.50

Mechatronics Technician Diploma - Total Estimated Program Cost

\$10,114.57

*Please note, these tools/supplies on the expense sheet are not available for purchase through TCAT Dickson

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