



## Industrial Electrical Maintenance/Mechatronics Spring 2025 Estimated Student Expense

### First Trimester Estimated Expense

Tuition, Technology Access Fee, and Student Activity Fee		\$1,440.00
<b>Books</b>	<b>ISBN#</b>	<b>Estimated Cost</b>
Industrial Maintenance TB 2ed	9781133131199	\$237.00
Industrial Maintenance WB 2ed	9781133131212	\$103.00
Ugly's Electrical Reference 2023	9781284275919	\$22.00
Electricity and Electronics TB 11ed	9781635638707	\$142.00
Electricity and Electronics WB 11ed	9781635638714	\$39.00
<b>Supplies*</b>		<b>Estimated Cost</b>
Safety Glasses, Scientific Calculator, Wemake FM Radio Soldering Kit w/Tools		\$59.27
<b>Tools - Estimated Cost*</b>		\$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)		
<b>Total Estimated First Trimester Cost</b>		<b>\$2,694.19</b>

### Second Trimester Estimated Expense

Tuition, Technology Access Fee, and Student Activity Fee		\$1,440.00
<b>Books</b>	<b>ISBN#</b>	<b>Estimated Cost</b>
Pocket Welding Guide	9781936058280	\$13.00
Fluid Power Data Book	10104478	\$3.00
Mechanical Trades Pocket Manual	9780764541704	\$24.00
Precision Machining Technology TB 3ed	9781337795302	\$159.00
Precision Machining Technology WB 3ed	9781337795319	\$36.00
<b>Tools - Estimated Cost*</b>		\$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		
<b>Total Estimated Second Trimester Cost</b>		<b>\$1,931.94</b>

All prices are subject to change without notice. Purchase books/supplies for your program and for the current trimester only, as editions can change.

<b>Third Trimester Estimated Expense</b>		
Tuition, Technology Access Fee, and Student Activity Fee		\$1,440.00
<b>Books</b>	<b>ISBN#</b>	<b>Estimated Cost</b>
Electric Motor Controls TB 5ed	9780826912268	\$153.00
Electric Motor Controls WB 5ed	9780826912275	\$46.00
Printreading for 2023 NEC	9780826915788	\$85.00
NEC 2023 Code Book	9781455929368	\$173.00
Troubleshooting Skills	710720	\$61.00
<b>Tools - Estimated Cost*</b>		\$137.19
8" Adjustable Wrench, 8" Square Nose Side Cutters, Crimping Tool, Fuse Puller, Tape Measure (25 ft)		
<b>Total Estimated Third Trimester Cost</b>		<b>\$2,095.19</b>
<b>Fourth Trimester Estimated Expense</b>		
Tuition, Technology Access Fee, and Student Activity Fee		\$1,440.00
<b>Books</b>	<b>ISBN#</b>	<b>Estimated Cost</b>
Instrumentation Textbook 7ed	9780826934468	\$197.00
Instrumentation Workbook 7ed	9780826934475	\$45.00
Programmable Logic Controllers: Principles & Application 3ed	9780826913968	\$156.00
Programming FANUC Robots For Industry Applications 1ed	9780826934123	\$94.00
<b>Total Estimated Fourth Trimester Cost</b>		<b>\$1,932.00</b>
<b>Fifth Trimester Estimated Expense</b>		
Tuition, Technology Access Fee, and Student Activity Fee		\$1,440.00
<b>Books</b>	<b>ISBN#</b>	<b>Estimated Cost</b>
Fluid Power Systems 3ed	9780826936370	\$148.00
<b>Total Estimated Fifth Trimester Cost</b>		<b>\$1,588.00</b>

**Mechatronics Technician Diploma - Total Estimated Program Cost**

**\$10,241.32**

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

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