



# INDUSTRIAL MAINTENANCE SYSTEMS SUMMARY OF ESTIMATED EXPENSES

2025-2026

FULL TIME

|                                 |  |
|---------------------------------|--|
| Course Length:                  | 20 months (2,160 Clock Hours)  |
| Tuition & Fees Rates Effective: | 9/1/2025   |
| Tuition & Fees:                 | \$7,435.00 <i>*Can be covered by TN Promise &amp; TN Reconnect if eligible</i> |
| Textbooks:                      | \$1,056.00   |
| Testing Fees:                   | \$120.00   |
| Tools:                          | \$1,099.10 <i>*not purchased through TCAT-Athens</i>                           |
| <b>ESTIMATED TOTAL:</b>         | <b>\$9,710.10</b>  |

## IMPORTANT INFORMATION:

1. The cost of attendance includes direct and indirect costs. Direct costs are fixed expenses that are paid directly to the school (tuition and fees). Indirect costs are not paid directly to the school (books, supplies, tools, uniforms, testing fees, etc.).
2. Costs listed above for textbooks, testing fees, tools, etc. are estimated and are subject to change without notice.
3. TCAT-Athens does not participate in ANY Federal Student Loan Programs or Federal Work Study Program.
4. Tuition rates are set by the Tennessee Board of Regents. Tuition costs usually increase annually in September.
5. All account charges (tuition, fees, special academic fees, etc.) are due by the beginning of each term if not covered by financial aid.
6. TCAT-Athens reserves the right to change required textbooks due to price increases and curriculum changes.
7. TN Promise and TN Reconnect are last dollar grants/scholarships that will pay for mandatory tuition and fees after any other federal and state financial aid have been awarded. They will not pay for books, special academic fees, tools, uniforms, supplies, testing fees, etc.
8. TCAT-Athens does not carry tools, uniforms, supplies, etc. Please make arrangements to purchase these items from outside sources.

## FINANCIAL AID INFORMATION:

To apply for financial aid, complete the FAFSA at <https://studentaid.gov>.

Completing the FAFSA automatically applies you for federal and state aid.

Enter the federal school code 005358 as your 1st school of choice.

A FAFSA must be filed for every year financial aid is needed.

For free FAFSA assistance, please contact Darlene White with the Educational Opportunity Center at (423) 435-8442 or by email at [jwhit195@utk.edu](mailto:jwhit195@utk.edu).

\* Denotes costs than can be covered by TN Promise and TN Reconnect.

| <b>TRIMESTER 1 (432 Clock Hours)</b>  |               | Estimated Costs |
|---|---------------|-----------------|
| <b>TUITION &amp; FEES:</b> <i>(due at registration if not covered by financial aid)</i> |               |                 |
| Tuition/Maintenance Fee*  |               | \$1,404.00      |
| Technology Access Fee*  |               | \$73.00         |
| Student Activity Fee*   |               | \$10.00         |
| <b>TEXTBOOKS:</b> <i>(estimated cost &amp; subject to change)</i>                       |               |                 |
| <b>*ALL TEXTBOOKS MUST BE ORDERED BY END OF 1st DAY OF CLASS*</b>                       |               |                 |
|   | <b>ISBN</b>   |                 |
| CORE: Introduction to Basic Construction Skills, 6th Edition                            | 9780137483341 | \$99.50         |
| UGLY's Electrical References, 2023 Edition  | 9781284275919 | \$27.00         |
| <b>TESTING FEES:</b>  |               |                 |
| NCCER Testing Fees  |               | \$24.00         |
| <b>TOOLS:</b> <i>(not purchased through TCAT-Athens)</i>                                |               |                 |
| See Tool Attached List <i>(estimated cost)</i>  |               | \$681.06        |
| <b>TRIMESTER 1 ESTIMATED COST: \$2,318.56</b>   |               |                 |

| <b>TRIMESTER 2 (432 Clock Hours)</b>  |               | Estimated Costs |
|---|---------------|-----------------|
| <b>TUITION &amp; FEES:</b> <i>(due at registration if not covered by financial aid)</i>   |               |                 |
| Tuition/Maintenance Fee*  |               | \$1,404.00      |
| Technology Access Fee*  |               | \$73.00         |
| Student Activity Fee*   |               | \$10.00         |
| <b>TEXTBOOKS:</b> <i>(estimated cost &amp; subject to change)</i>   |               |                 |
| <b>*ALL TEXTBOOKS MUST BE ORDERED BY END OF 1st DAY OF CLASS*</b>   |               |                 |
|   | <b>ISBN</b>   |                 |
| NCCER Industrial Maintenance Electrical & Instrumentation Technician, Level 1   | 9780132286060 | \$113.25        |
| Parker: Industrial Hydraulics Technology Bulletin 0232-B1   | 9781557690258 | \$55.00         |
| Parker: Industrial Hydraulics Technology Lab Manual: Motion & Control Training Department: Bulletin 0249 <i>(comes with textbook)</i> | n/a           | \$56.00         |
| Parker: Industrial Pneumatic Technoloy Lab Manual: For Model 875697 Pneumatic Option: Bulletin 0275-B8 <i>(comes with textbook)</i>   | n/a           | \$57.75         |
| Parker: Industrial Pneumatic Technoloy Answer Booklet: Motion & Control Department Bulletin 0275-B7 <i>(comes with textbook)</i>      | n/a           | \$13.75         |
| <b>TESTING FEES:</b>  |               |                 |
| NCCER Testing Fees  |               | \$24.00         |
| <b>TOOLS:</b> <i>(not purchased through TCAT-Athens)</i>  |               |                 |
| See Tool Attached List <i>(estimated cost)</i>  |               | \$121.91        |
| <b>TRIMESTER 2 ESTIMATED COST: \$1,928.66</b>   |               |                 |

## TRIMESTER 3 (432 Clock Hours)

Estimated Costs

### TUITION & FEES: *(due at registration if not covered by financial aid)*

|                          |            |
|--------------------------|------------|
| Tuition/Maintenance Fee* | \$1,404.00 |
| Technology Access Fee*   | \$73.00    |
| Student Activity Fee*    | \$10.00    |

### TEXTBOOKS: *(estimated cost & subject to change)*

**\*ALL TEXTBOOKS MUST BE ORDERED BY END OF 1st DAY OF CLASS\***

|  | ISBN          |          |
|--|---------------|----------|
| NFPA 70 National Electrical Code 2023 (with colored tabs)                        | 9798214115818 | \$222.50 |
| NCCER Industrial Maintenance Electrical & Instrumentation Technician,<br>Level 2 | 9780136143901 | \$139.75 |

### TESTING FEES:

|                    |         |
|--------------------|---------|
| NCCER Testing Fees | \$24.00 |
|--------------------|---------|

### TOOLS: *(not purchased through TCAT-Athens)*

|  |          |
|--|----------|
| See Tool Attached List <i>(estimated cost)</i> | \$296.13 |
|--|----------|

**TRIMESTER 3 ESTIMATED COST: \$2,169.38**

## TRIMESTER 4 (432 Clock Hours)

Estimated Costs

### TUITION & FEES: *(due at registration if not covered by financial aid)*

|                          |            |
|--------------------------|------------|
| Tuition/Maintenance Fee* | \$1,404.00 |
| Technology Access Fee*   | \$73.00    |
| Student Activity Fee*    | \$10.00    |

### TEXTBOOKS: *(estimated cost & subject to change)*

**\*ALL TEXTBOOKS MUST BE ORDERED BY END OF 1st DAY OF CLASS\***

|  | ISBN          |          |
|--|---------------|----------|
| NCCER Industrial Maintenance Electrical & Instrumentation Technician,<br>Level 3 | 9780136044994 | \$135.75 |

### TESTING FEES:

|                    |         |
|--------------------|---------|
| NCCER Testing Fees | \$24.00 |
|--------------------|---------|

**TRIMESTER 4 ESTIMATED COST: \$1,646.75**

## TRIMESTER 5 (432 Clock Hours)

Estimated Costs

### TUITION & FEES: *(due at registration if not covered by financial aid)*

|                          |            |
|--------------------------|------------|
| Tuition/Maintenance Fee* | \$1,404.00 |
| Technology Access Fee*   | \$73.00    |
| Student Activity Fee*    | \$10.00    |

### TEXTBOOKS: *(estimated cost & subject to change)*

**\*ALL TEXTBOOKS MUST BE ORDERED BY END OF 1st DAY OF CLASS\***

|  | ISBN          |          |
|--|---------------|----------|
| NCCER Industrial Maintenance Electrical & Instrumentation Technician,<br>Level 4 | 9780136099550 | \$135.75 |

### TESTING FEES:

|                    |         |
|--------------------|---------|
| NCCER Testing Fees | \$24.00 |
|--------------------|---------|

**TRIMESTER 5 ESTIMATED COST: \$1,646.75**

# TRIMESTER 1 TOOL LIST

Tools must be purchased from outside sources.

Tools are required for the term by the 3rd week of class & NOT SUPPLIED BY THE SCHOOL.

| Item Description  | Quantity | Cost     | Estimated Total Cost |
|---|----------|----------|----------------------|
| IDEAL Industries Screw Driver   | 1        | \$15.00  | \$15.00              |
| 8.5 inch Long Nose Plier with Cutter 35-038   | 1        | \$29.50  | \$29.50              |
| Magnetic Torpedo Level (180/90/45 Degree, 9 inch)   | 1        | \$5.99   | \$5.99               |
| IDEAL Electrical Wire Stripper 45-120T-5<br>(for 10-18 solid & 12-20 stranded wires)                        | 1        | \$9.98   | \$9.98               |
| Screwdriver (Fluke ISL5)  | 1        | \$18.36  | \$18.36              |
| 500' 18 gauge TFFN Gree, White, Black, Wire (delivered to TCAT)<br>(purchase direct from Kendall Electric)  | 1        | \$203.25 | \$203.25             |
| CONDUIT Series 1/2" x 10' EMT Conduit Bundle (delivered to TCAT)<br>(purchase direct from Kendall Electric) | 1        | \$105.00 | \$105.00             |
| Fluke 117 Digital Multimeter; Non-Contact AC Voltage Detection Measures                                     | 1        | \$209.00 | \$209.00             |
| 12 foot Tape Measure (Kutir-Easy to Read Both Side Dual Ruler, Retractable,<br>Heavy Duty, Magnetic)        | 1        | \$9.98   | \$9.98               |
| Work Boots (any brand of choice; must cover ankle)  | 1        | \$75.00  | \$75.00              |

**TRIMESTER 1 ESTIMATED TOOLS COST: \$681.06**

# TRIMESTER 2 TOOL LIST

Tools must be purchased from outside sources.

Tools are required for the term by the 3rd week of class & NOT SUPPLIED BY THE SCHOOL.

| Item Description  | Quantity | Cost     | Estimated Total Cost |
|---|----------|----------|----------------------|
| 6" Adjustable Wrench (Irwin GIDDS2286372)   | 1        | \$ 13.14 | \$ 13.14             |
| 8" Adjustable Wrench (Irwin 2078608)  | 1        | \$ 13.99 | \$ 13.99             |
| DURATECH Combination Wrench Set, SAE; 11-piece; 1/4" to 7/8"; 12-point  | 1        | \$ 23.99 | \$ 23.99             |
| TEKTON Ball End Hex Key Wrench Set 25262; 13 piece (3/64-3/8 inch)  | 1        | \$ 13.00 | \$ 13.00             |
| IRWIN VISE-GRIP Diagonal Cutting Pliers; 6 inch (2078306)   | 1        | \$ 9.49  | \$ 9.49              |
| Craftsman Ball 8 ounce Ball Peen Hammer; CMHT54177  | 1        | \$ 19.54 | \$ 19.54             |
| Channelock 430 Tongue & Groove Pliers; Grips 430; 10" Straight Jaw Groove<br>Joint Plier with Comfort Grips 430 | 1        | \$ 18.77 | \$ 18.77             |
| IRWIN Tools Combination Square; Metal-Body; 6 inch (1794468)  | 1        | \$ 9.99  | \$ 9.99              |

**TRIMESTER 2 ESTIMATED TOOLS COST: \$121.91**

# TRIMESTER 3 TOOL LIST

Tools must be purchased from outside sources.

Tools are required for the term by the 3rd week of class & NOT SUPPLIED BY THE SCHOOL.

| Item Description   | Quantity | Cost      | Estimated Total Cost |
|--|----------|-----------|----------------------|
| General Tools CF616 Flexible industrial Straight Edge Ruler              | 1        | \$ 9.55   | \$ 9.55              |
| Utility Dial Caliper; 6 inch with 0.001" pt # 0604DC780*                 | 1        | \$ 24.99  | \$ 24.99             |
| Micrometer; General Tools 102 0-inch to 1-inch; .001-inch Graduation     | 1        | \$ 19.61  | \$ 19.61             |
| Welding Cap; Lincoln (K3203-ALL)   | 1        | \$ 12.99  | \$ 12.99             |
| 9 ounce FR Cotton Welding Jacket; Revco Black Stallion (FO9-30C F09-30C) | 1        | \$ 29.99  | \$ 29.99             |
| MIG/Stick Welding Gloves; 14" Lined Leather; Kevlar Stitching; K2979-ALL | 1        | \$ 16.99  | \$ 16.99             |
| Shoe Handle Wire Brush (MERIT PRO 00402 4 x 16 Row)                      | 1        | \$ 2.01   | \$ 2.01              |
| 50 lb box of Welding Rods; 1/8" ER7018                                   | 1        | \$ 180.00 | \$ 180.00            |

**TRIMESTER 3 ESTIMATED TOOLS COST: \$296.13**