

Tennessee College of Applied Technology - Dickson

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

(High Schoolers get Industrial Maintenance TB, Industrial Mechanics TB, Core Curriculum Bundle, Safety Glasses and Casio 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 Textbook 2ed | 9781133131199 Cengage | ** | \$189.00 | \$189.00 | \$189.00 |
| Industrial Mechanics Textbook 4ed | 9780826937124 ATP | ** | \$107.00 | \$107.00 | \$107.00 |
| Industrial Maintenance & Mechatronics TB 1e | 9781635634273 Goodheart | ** | \$126.00 | \$126.00 | \$126.00 |
| Core Curriculum Trainee Guide + Access Card Bundle 5th ed | 9780134391922 Pearson | ** | \$100.00 | \$100.00 | \$100.00 |
| OSHA 10 Training Class | | ** | \$50.00 | \$50.00 | \$50.00 |
| Total First Trimester Books | | | \$572.00 | \$572.00 | \$572.00 |

First Trimester Supplies

| | | | | | |
|---------------------------------------|--|----|----------------|----------------|----------------|
| Safety Glasses | <i>Taxable Item</i> Condor by Grainger | ** | \$4.39 | \$4.38 | \$4.00 |
| Casio fx-115w Plus Calculator | <i>Taxable Item</i> D&H Distributing | ** | \$19.76 | \$19.71 | \$18.00 |
| Total First Trimester Supplies | | | \$24.15 | \$24.09 | \$22.00 |

First Trimester Tools

| First Day Tool Kit Consisting of: | Part # & Vendor | | Dickson | Clarksville | Entities |
|--|----------------------------------|----|-----------------|-----------------|-----------------|
| Classic Series Welding Helmet, Shades#8-12 | MIL 251-292 A-L Compressed Gases | ** | \$212.92 | \$212.43 | \$194.00 |
| Large MIG Gloves | REV39L A-L Compressed Gases | | | | |
| Cone and Chisel Chipping Hammer | ANC CH-200 A-L Compressed Gases | | | | |
| Shoe Handle Brush Carbon | ANC 387 A-L Compressed Gases | | | | |
| Bag Jobsite Tool Miller | MIL 228-025 A-L Compressed Gases | | | | |
| 30" Green Jacket | REVF9-30C-M A-L Compressed Gases | | | | |
| Reusable Silicone Ear Plugs w/ Cord, Box-100 | NS 30842 A-L Compressed Gases | | | | |
| Total First Trimester Tools | | | \$212.92 | \$212.43 | \$194.00 |

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 | | | \$2,121.06 | \$2,120.52 | \$2,100.00 |
|--|--|--|-------------------|-------------------|-------------------|

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Second Trimester

| Books | ISBN & Vendor | | | Dickson | Clarsville | Entities |
|-------------------------------------|---------------|-----|--|-----------------|-----------------|-----------------|
| Introduction to PLC TB | 9780826913852 | ATP | | \$118.00 | \$118.00 | \$118.00 |
| Introduction to PLC Manual w/CD | 9780826913876 | ATP | | \$72.00 | \$72.00 | \$72.00 |
| Electric Motor Controls TB 5 ed | 9780826912268 | ATP | | \$138.00 | \$138.00 | \$138.00 |
| Electric Motor Controls WB 5 ed | 9780826912275 | ATP | | \$39.00 | \$39.00 | \$39.00 |
| Fluid Power Systems 2ed | 9780826936349 | ATP | | \$131.00 | \$131.00 | \$131.00 |
| Total Second Trimester Books | | | | \$498.00 | \$498.00 | \$498.00 |

| Second Trimester Tools | Part # & Vendor | | | Dickson | Clarsville | Entities |
|--|-----------------|----------|--|-------------------|-------------------|-------------------|
| Multimeter Fluke #117/323 (5pc Kit <i>Kit</i>) | 11445-02246 | Fastenal | | \$536.68 | \$535.46 | \$489.00 |
| Tool Bag | 0213523 | Fastenal | | \$39.51 | \$39.42 | \$36.00 |
| 10" Crimper Tool | 0206151 | Fastenal | | \$36.22 | \$36.14 | \$33.00 |
| Wire Stripper | 1693-11045 | Fastenal | | \$29.63 | \$29.57 | \$27.00 |
| 10" Pliers | 0713498 | Fastenal | | \$94.39 | \$94.17 | \$86.00 |
| Insulated Pliers | 0709075 | Fastenal | | \$144.87 | \$144.54 | \$132.00 |
| 7-Piece Screwdriver Set | 1693-85076 | Fastenal | | \$122.92 | \$122.64 | \$112.00 |
| 3-Piece Adjustable Wrench Set | 0244806 | Fastenal | | \$79.02 | \$78.84 | \$72.00 |
| 14-Piece Combo Wrench Set | 0223651 | Fastenal | | \$97.68 | \$97.46 | \$89.00 |
| Total Second Trimester Tools | | | | \$1,180.91 | \$1,178.22 | \$1,076.00 |

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 |

| | | | | | | |
|---|--|--|--|-------------------|-------------------|-------------------|
| Grand Total Second Trimester Costs | | | | \$2,990.91 | \$2,988.22 | \$2,886.00 |
|---|--|--|--|-------------------|-------------------|-------------------|

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Third Trimester

| Books | ISBN & Vendor | Dickson | Clarsville | Entities |
|--|-----------------------|-----------------|-----------------|-----------------|
| Precision Machining Technology TB 2nd Edit | 9781285444543 Cengage | \$128.00 | \$128.00 | \$128.00 |
| Haas & Fanuc Virtual CNC Training bundle | Immersive.biz | \$158.00 | \$158.00 | \$158.00 |
| Total Third Trimester Books | | \$286.00 | \$286.00 | \$286.00 |

Third Trimester Tools

| | Part # & Vendor | Dickson | Clarsville | Entities |
|---|-------------------|-----------------|-----------------|-----------------|
| 12" Plastic Tool Box <i>Taxable Items</i> | 0775-W54012 (ISS) | | | |
| 3/8" Tool Bits HS - qty 4 | FC52-006 (ISS) | | | |
| Center Drill - qty 2 | AV40-3 (ISS) | | | |
| Round Edge Finders | NE60-088 (ISS) | | | |
| 6" Scale English | NB40-F63 (ISS) | | | |
| Flat Center Gauge | NE60-CG60 (ISS) | | | |
| Center Punch | NE50-75B (ISS) | | | |
| Scribe | NE60-CS1 (ISS) | | | |
| Dial Caliper | NB60-CDC6 (ISS) | | | |
| 0-1 Micrometer | NB60-CRM1 (ISS) | | | |
| Total Third Trimester Tools | | \$141.58 | \$141.26 | \$129.00 |

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 |

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Cost of Books, Supplies & Tools*

| | | | |
|--|-------------------|-------------------|-------------------|
| Grand Total Third Trimester Costs | \$1,739.58 | \$1,739.26 | \$1,727.00 |
|--|-------------------|-------------------|-------------------|

Fourth Trimester

| Books | ISBN & Vendor | Dickson | Clarsville | Entities |
|--------------------------------------|--------------------------|-----------------|-------------------|-----------------|
| Instrumentation Textbook 6th Edition | 9780826934420 ATP | \$193.00 | \$193.00 | \$193.00 |
| Instrumentation Workbook 6th Edition | 9780826934437 ATP | \$39.00 | \$39.00 | \$39.00 |
| Total Fourth Trimester Books | | \$232.00 | \$232.00 | \$232.00 |

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 | \$1,544.00 | \$1,544.00 | \$1,544.00 |
|---|-------------------|-------------------|-------------------|

Fifth Trimester

| Books | ISBN & Vendor | Dickson | Clarsville | Entities |
|--|--------------------------|-----------------|-------------------|-----------------|
| Electrical Principles and Practices Textbook | 9780826918116 ATP | \$104.00 | \$104.00 | \$104.00 |
| Electrical Principles and Practices Workbook | 9780826918123 ATP | \$45.00 | \$45.00 | \$45.00 |
| Total Fifth Trimester Books | | \$149.00 | \$149.00 | \$149.00 |

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 | \$1,461.00 | \$1,461.00 | \$1,461.00 |
|--|-------------------|-------------------|-------------------|

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| Industrial Machinery Mechanics Diploma | Dickson | Clarskville | 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 | \$1,737.00 | \$1,737.00 | \$1,737.00 |
| Tools & Supplies | \$1,559.55 | \$1,556.00 | \$1,421.00 |
| Total estimated cost of program | \$9,856.55 | \$9,853.00 | \$9,718.00 |
| ** Total Books & Supplies required for First Day | \$596.15 | \$596.09 | \$594.00 |
| ** Total Books, Fees, Supplies, Tools & Tuition required for First Day | \$2,121.06 | \$2,120.52 | \$2,100.00 |