

TENNESSEE COLLEGE OF APPLIED TECHNOLOGY
910 MILLER AVENUE
CROSSVILLE, TN 38555

**INDUSTRIAL ELECTRICITY
REQUIRED BOOK LIST**

ITEM	APPROXIMATE COST
*IPT's Industrial Trades Training Manual ISBN 092085510	\$ 60.00
*National Electrical Code (current edition) ISBN	105.00
*Modern Residential Wiring Textbook ISBN 9781619608429	85.00
*Modern Residential Wiring Workbook ISBN 9781619608474	30.00
*Industrial Maintenance textbook, ISBN 9781133131199	220.00
*Industrial Maintenance workbook, ISBN 9781133131212	80.00
*Ugly's Electrical References ISBN 9781449690779	<u>20.00</u>
TOTAL	\$ 600.00

***These books are required to begin your training.**

NOTE: Book prices may change during the school year. This list is provided to give the student an estimate of book costs.

All books are available in the school business office.

Effective: January 2016

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**INDUSTRIAL ELECTRICITY
REQUIRED TOOL LIST**

ITEM	APPROXIMATE COST
*Safety Glasses	
Digital Multi-meter	
Lineman Pliers	
Screwdriver Set – Flat & Phillips	
Combination Wrenches	
Adjustable Wrench	
Allen Wrenches – metric & standard	
Tap & Drill set	
Locking Pliers set	
Tongue & Groove Pliers	
Diagonal Cutting Pliers	
Wire Stripper	
Long Nose Pliers	
Tape Measure, 25ft	
Tool Bag	
100', ½ " EMT Conduit	
Wire Nuts	
Economy Roll Electrical Tape X3	
Crimping Pliers	
Scientific Calculator	
Total	\$985.00

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Effective: January 2016**

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**INDUSTRIAL MAINTENANCE
REQUIRED BOOK LIST**

ITEM **APPROXIMATE COST**

ELECTRICITY

*IPT's Industrial Trades Training Manual ISBN 092085510	\$ 60.00
*National Electrical Code (current edition) ISBN	105.00
*Industrial Maintenance textbook, ISBN 9781133131199	220.00
*Industrial Maintenance workbook, ISBN 9781133131212	80.00
*Modern Residential Wiring textbook, ISBN 9781619608429	85.00
*Modern Residential Wiring workbook, ISBN 9781619608474	30.00
*Ugly's Electrical References, ISBN 9781449690779	<u>20.00</u>
	\$600.00

DRAFTING

No textbooks or lab manuals required.

HEATING, VENTILATION, AND AIR CONDITIONING

*Refrigeration & AC Technology bundle 9781337373678	245.00
EPA-608 Refrigeration Handling Certification Exam	<u>35.00</u>
	\$280.00

MACHINE SHOP

Machinists' Ready Reference ISBN 0970339801	<u>45.00</u>
	\$ 45.00

WELDING

Modern Welding, Text ISBN 15663799873	95.00
Modern Welding, Lab Manual ISBN 15663799881	<u>35.00</u>
	\$130.00

GRAND TOTAL \$1055.00

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Effective: June 2016

TENNESSEE COLLEGE OF APPLIED TECHNOLOGY
 910 MILLER AVENUE
 CROSSVILLE, TN 38555
**INDUSTRIAL MAINTENANCE
 REQUIRED TOOL LIST**

TITLE	APPROXIMATE COST
ELECTRICAL	
*Safety Glasses	
Digital Multi-meter	
Lineman Pliers	
Screwdriver Set – Flat & Phillips	
Combination Wrenches	
Adjustable Wrench	
Allen Wrenches – metric & standard	
Tap & Drill set	
Locking Pliers set	
Tongue & Groove Pliers	
Diagonal Cutting Pliers	
Wire Stripper	
Long Nose Pliers	
Tape Measure, 25ft	
Tool Bag	
100', ½" EMT Conduit	
Wire Nuts	
Economy Roll Electrical Tape X3	
Crimping Pliers	
Calculator, Scientific	\$985.00
WELDING	
Goggles	
Gloves, Welding (gamlet type)	
Pliers	
Tape, Measuring, 12', Metric & American	
Welding Jacket	
Welding Hood with Shade 10 Lens	
	\$175.00
MACHINE SHOP	
Scale, Flex Starrett #5R Cat.	
Set, Allen Wrench	
	\$ 30.00
HVAC	
2 - 8" Adjustable Wrench	
6" Allen Wrench, 9 pc. Set (standard)	
Socket Set, 3/8" – 3/4" sockets)	
4 in 1 Pocket Socket, 1/4", 5/16", 3/8", 7/16"	
Refrigeration Manifold Gauge Set with Hoses	
Refrigeration Ratchet Wrench, #125-C Imperial	
Shut off coupler	
Core Removal Tools– Ball Valve Handle	
	\$ 425.00
GRAND TOTAL	\$ 1615.00

<p>*These tools are required to begin your training. NOTE: Tool prices are subject to change. Effective: January 2016</p>

TENNESSEE COLLEGE OF APPLIED TECHNOLOGY
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**Modified - INDUSTRIAL MAINTENANCE
 REQUIRED TOOL LIST**

TITLE	APPROXIMATE COST
ELECTRICAL	
*Safety Glasses	
Lineman Pliers, 8", Safe-Grip	
Screwdriver Set, Klein 3 pt. 603-6 Phillips, Klein 2 pt. 603-4 Phillips, Klein 600-4 Flat, Klein 601-4 Flat, Klein 602-6 Flat, Vaco K44	
Wire/ Cable Stripper	
Steel Tape, 6' x 1/2"	
Tool Pouch & Belt	
Pliers, Side Cutter, 8", Safe-Grip	
Pliers, Long Nose, Safe-Grip, 7.5"	
Pliers, Channel Lock, Safe-Grip, 9.5"	
Crimping Tool	
Calculator, Scientific	\$400.00
 MIXED TOOL SET FOR ELECTIVES	
WELDING	
Gloves, Welding (gamlet type)	
Welding Hood with Shade 10 Lens	
 MACHINE SHOP	
6" x 1/2" graduating rule	
13 – piece Allen Wrench set	
Micrometer	
5 piece square tool bit set	
 HVAC	
Refrigeration Manifold Gauge Set with Hoses	
Ratchet Wrench, #125-C Imperial	
Shut off coupler	
Core Removal Tool	\$550.00
 GRAND TOTAL	 \$ 950.00

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<p>Effective: February 2015</p>
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