

## ELECTRICAL/ELECTRONIC ASSEMBLER CERTIFICATE

All items listed below are required to complete the Electrical/Electronics Assembler Certificate and are available at the Tennessee College of Applied Technology Hohenwald Bookstore unless otherwise indicated. **Estimated Cost \$500**

ISBN Number	Course Number	*EHC	Materials Required	Publisher	Price
n/a	ELM-1010 Orientation and Safety	10	<b>OSHA 10 Voucher (must purchase from TCAT bookstore)</b>	CareerSafe	<b>\$25.00</b>
1-891749-08-0	ELM-1020 Customer Service	16	<b>Customer Service Specialist Study Guide 5th ed.</b>	eta-i.org	<b>\$35.00</b>
n/a			**CSS-Customer Service Certification Exam Fee	eta-i.org	\$75.00
n/a	ELM-1030 Basic Math	10	None-Computer Based Instruction (provided by instructor)	Nida	none
978-1-59136-791-8	ELM-1040 Computer Concepts I	24	<b>Welcome to Windows Basics-Windows 10 &amp; Office Online</b>	lablearning.com	<b>\$45.00</b>
n/a	ELM-1050 DC Circuits I	138	EM 1 DC Cert. Study Guide (Download only from eta-i.org)	eta-i.org	\$25.00
n/a			<b>Scientific Calculator (Casio fx-300MS or equivalent)</b>	Casio	<b>\$17.00</b>
n/a			<b>Digital Multimeter ( Extech EX330 or equivalent)</b>	Amprobe	<b>\$66.00</b>
n/a			**DC Cert/TEC Certification Exam Fee	certtec.com	\$85.00
n/a			**EM1 DC Certification Exam Fee	eta-i.org	\$25.00
n/a	ELM-1060 Soldering Techniques/Tools	42	<b>Safety Glasses</b>		<b>\$3.00</b>
n/a			<b>Pocket Pack Solder .031 DIA 5 oz.</b>		<b>\$4.00</b>
n/a			<b>Desoldering Braid</b>		<b>\$6.00</b>
n/a			<b>Lithium 3V Battery</b>		<b>\$1.00</b>
n/a			<b>Soldering Program Component</b>	Nida	<b>\$38.00</b>
n/a			<b>The Tingler</b>		<b>\$16.00</b>
n/a			<b>Shaking Dice</b>		<b>\$10.00</b>
n/a			<b>Cables and Connectors Kit</b>	Nida	<b>\$68.00</b>
n/a	ELM-1070 Electronics for Maintenance	102	None-Computer Based Instruction (provided by instructor)	Nida	none
n/a	ELM-1080 Worker Ethics & Ex. I	18	None-(coursework provided by instructor)		none
n/a	ELM-1090 Integrated Projects I	66	None-(coursework provided by instructor)		none
n/a	ELM-0001 Worker Characteristic	6	None-(coursework provided by instructor)		none
	<b>TOTAL HOURS</b>	432			
				<b>TOTAL</b>	<b>\$484.00</b>
<b>Note: Prices are estimates and subject to change; state sales tax may apply</b> <b>Student is responsible for miscellaneous materials (paper, pencils, tools, etc.)</b>			<b>*Estimated Hours to Complete</b> <b>**Certification Exam Fees are due when exam is taken</b>		EM revised 04/15/19