

Criteria/Description	Credentialing/ Artifacts	Proposed Credits
<p>TECHNICAL COMPETENCY: Score Advanced on the NOCTI Electronics Technology Written and Performance Test Written:</p> <ul style="list-style-type: none"> • Safety Practices • Fundamental Electrical Principles and Theory • Digital Electronic Circuits • Electronic Device Analysis and Applications • Electronic Testing Equipment • Direct Current (DC) Circuit Analysis • Alternate Current (AC) Analysis • Prototyping and Fabrication Techniques • Careers in Electronics <p>Performance:</p> <ul style="list-style-type: none"> • De-Soldering and Soldering • Power Supply Construction and Circuit Analysis • Op Amp Construction and Analysis • Design and Build a Combinational Logic Circuit <p>INDUSTRY CREDENTIALS: Earn at least one of the following Industry Credentials</p> <ul style="list-style-type: none"> • OSHA • Certified Electronics Technician Associate (CETa) • Student Electronics Technician (SET) • Customer Service Specialist • EM1-DC Basics • EM2-AC Basics • EM4-Digital Basics • Strata • Various Ladder Certifications 	<p>Third Party Assessment: National Occupational Competency Testing Instrument</p> <p>NOCTI Test Name: Electronics Technology</p> <p>Students scoring advanced receive a Pennsylvania Skills Certificate from the Pennsylvania Department of Education</p> <p>Third Party Provider: CareerSafe Electronics Technicians Association, International</p> <p>Electronics Technicians Association, International</p> <p>CompTIA American Ladder Institute</p>	20
<p>SCHOOL TO WORK:</p> <ul style="list-style-type: none"> • Documentation of a minimum of 200 hours of employment experience in the field. 	<p>Portfolio Verification of Employment Employee Evaluations</p>	3