

Criteria/Description	Credentialing/ Artifacts	Proposed Credits
<p>TECHNICAL COMPETENCY: Score Advanced on the NOCTI Pre-Engineering/Engineering Technology Written and Performance Test Written: <ul style="list-style-type: none"> • Overview of Engineering • Design Process/Problem Solving • Manufacturing • Assembly and Fabrication • Materials • Communication and Teamwork • Safety • Engineering Systems Performance: <ul style="list-style-type: none"> • Technical Writing • Oral Presentation </p> <p>INDUSTRY CREDENTIALS: Earn at least one of the following Industry Credentials</p> <ul style="list-style-type: none"> • OSHA • Certified Drafter • Cisco Certified -Network Associate (CCNA), Entry Networking Technician (CCENT) • Strata • A+, Network+, Security+, Server+, IT Fundamentals • Student Electronics Technician (SET), Associate Certified Electronics Technician (CETa) • Microsoft Certified Professional (MCP)(MOS) • Microsoft Office Specialist-Variou • Certified Novell Administrator (CNA) • Oracle Certification (path based on product) • Autodesk certified user • Network Cabling Specialist-Copper Wire, Telecommunications Technology • Lead Safety for Renovation, Repair and Painting Certified Renovator • Lead Renovator Refresher Certification • Lead Abatement • SolidWorks 	<p>Third Party Assessment: National Occupational Competency Testing Instrument</p> <p>NOCTI Test Name: Pre-Engineering/Engineering Technology</p> <p>Students scoring advanced receive a Pennsylvania Skills Certificate from the Pennsylvania Department of Education</p> <p>Third Party Provider: CareerSafe American Design Drafting Association Cisco</p> <p>Computing Technology Industry Association (CompTIA) Electronics Technicians Association, International Microsoft Certiport Novell Oracle Autodesk C-TECH</p> <p>Environmental Protection agency (EPA)</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