

Criteria/Description	Credentialing/ Artifacts	Proposed Credits
<p>TECHNICAL COMPETENCY: Score Advanced on the NOCTI Welding Written and Performance Test Written:</p> <ul style="list-style-type: none"> • Safety • Welding Symbols and Blueprint Reading • Oxyfuel Cutting (OFC) • Arc Cutting Process (Carbon Arc and Plasma Arc) • Physical Characteristics and Mechanical Properties of Metals • Weld Fit-up and Quality • Shielded Metal Arc Welding (SMAW) • Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) • Gas Tungsten Arc Welding (GTAW) <p>Performance:</p> <ul style="list-style-type: none"> • Oxyfuel Cutting • SMAW V-Groove, 3G • GMAW Tee Joint, 2F • Aluminum GTAW Tee Joint, 2F • Stainless Steel GTAW Lap Joint, 2F <p>INDUSTRY CREDENTIALS: Earn at least one of the following Industry Credentials</p> <ul style="list-style-type: none"> • OSHA • Certified Welder, various codes • NCCER credentials (various trades) • Lead Safety for Renovation, Repair and Painting Certified Renovator • Lead Safety for Renovation, Repair and Painting Certified Renovator • Lead Renovator Refresher Certification • Lead Abatement 	<p>Third Party Assessment: National Occupational Competency Testing Instrument</p> <p>NOCTI Test Name: Welding</p> <p>Third Party Provider: Career Safe American Welding Society National Center for Construction Education and Research (NCCER) Environmental Protection agency (EPA) Environmental Protection agency (EPA) Environmental Protection agency (EPA) Environmental Protection agency (EPA)</p>	<p>20</p>
<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>	<p>3</p>