

Criteria/Description	Credentialing/ Artifacts	Proposed Credits
<p><b>TECHNICAL COMPETENCY:</b>  <b>Score Advanced on the NOCTI Precision Machining Written and Performance Test</b>  Written:</p> <ul style="list-style-type: none"> <li>• Organization &amp; Shop Safety Practices</li> <li>• Measurement &amp; Inspection</li> <li>• Metallurgical Process and Heat Treating</li> <li>• Blueprint Interpretation &amp; Process Planning</li> <li>• Layout &amp; Benchwork</li> <li>• Band Saw Machines</li> <li>• Lathes</li> <li>• Milling Machines</li> <li>• Surface Grinding</li> <li>• Computer Numerical Control (CNC) Programming, Preparation, Operations</li> <li>• Drill Press</li> </ul> <p>Performance:</p> <ul style="list-style-type: none"> <li>• Milling Operations</li> <li>• Lathe Operations</li> </ul> <p><b>INDUSTRY CREDENTIALS:</b>  <b>Earn at least one of the following Industry Credentials</b></p> <ul style="list-style-type: none"> <li>• OSHA</li> <li>• NIMS CNC Milling: Programming Setup &amp; Operations</li> <li>• NIMS CNC Turning: Programming Setup &amp; Operations</li> <li>• NIMS Machining Level I</li> <li>• NIMS Machining Level I CNC Milling</li> <li>• NIMS Machining Level I CNC Turning</li> <li>• NIMS Machining Level I Manual Milling</li> <li>• NIMS Machining Level I Manual Surface Grinding</li> <li>• NIMS Machining Level I Manual Turning Between Centers</li> <li>• NIMS Machining Level I Manual Turning with Chucking</li> <li>• NIMS Machining Level I Manual Drill Press Operations</li> <li>• NIMS Machining Level I Measurement, Materials and Safety</li> <li>• NIMS Machining Level I Planning, Benchwork, Layout</li> <li>• NIMS Machining Level II</li> </ul>	<p><b>Third Party Assessment:</b>  National Occupational Competency Testing Instrument</p> <p><b>NOCTI Test Name:</b>  Precision Machining</p> <p><b>Third Party Provider:</b>  CareerSafe</p> <p>National Institute for Metalworking Skills, Inc.</p>	<p>20</p>
<p><b>SCHOOL TO WORK:</b></p> <ul style="list-style-type: none"> <li>• Documentation of a minimum of 200 hours of employment experience in the field.</li> </ul>	<p>Portfolio  Verification of Employment  Employee Evaluations</p>	<p>3</p>