



# Collision Repair Technology



<b>Date</b>	Friday, February 9, 2024	<b>Orientation Time</b>	8:00 a.m. (CLOSED to instructors)		
<b>Location</b>	Ohio Technical College 1374 E. 51 <sup>st</sup> Cleveland, Ohio 44103	<b>Contest Time</b>	Immediately following orientation (OPEN contest)		
<b>Scope of Contest</b>	Competitors will demonstrate their ability to perform jobs and skills based on the task list outlined by I-CAR, ASE and the ASE Education Foundation. The competition includes an interview and a series of workstations to assess skills in the following areas: metal straightening, attachment methods, plastic repair and structural analysis. The overall appearance of the finished product, ability to follow published procedures, and proper safety practices will be judged.				
<b>Testing</b>	Yes				
<b>Eligibility</b>	2 contestant for every 50 paid members enrolled in program				
<b>Clothing</b>	Work Attire: Field specific work clothing required for the work environment or that matches the service conditions for the contest. This may include jeans if they are clean and professional looking and are accepted in the respective field (no holes or overly soiled pants). Work shoes or boots with a hard sole or anti-slip properties (steel toes may be required – refer to <b>Provided by Contestant</b> section below). Clothing should be as such that it will not get caught in moving equipment or power tools. School uniforms may be worn if they meet the above requirements with all identifiers covered.				
<b>Provided by Contestant</b>	<p>Professional Resume – must be typed and physically produced as a hard copy            Emergency Medical Form (Contestants must have this to compete)            Verification of Tool Training and Safety (See form on SkillsOhio Web site)</p> <p style="text-align: center;"><b>Air fitting male stem: Milton 777</b>  <b>Air fitting female stem: Milton 778</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">           Air hose, 25 feet            Side cuts            Sanding blocks            Welding gloves            Blow gun            Filler board            Safety glasses            Clipboard            Two #2 pencils, sharpened            Welding helmet with at least a #10 lens            Welding respirator            Calculator         </td> <td style="width: 50%; border: none;">           Grinder with disk            Metal finishing tools            Appropriate sand paper and disks            Air file            Pliers            Assorted body hammers            Dollies            Vise grips (at least two pair)            Body Filler Board            Welding jacket            Dual action Sander (w/sand paper)            Face Shield         </td> </tr> </table>			Air hose, 25 feet Side cuts Sanding blocks Welding gloves Blow gun Filler board Safety glasses Clipboard Two #2 pencils, sharpened Welding helmet with at least a #10 lens Welding respirator Calculator	Grinder with disk Metal finishing tools Appropriate sand paper and disks Air file Pliers Assorted body hammers Dollies Vise grips (at least two pair) Body Filler Board Welding jacket Dual action Sander (w/sand paper) Face Shield
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<b>Contest Standards</b>	<b>Contest Skilled Performance Standard</b>	<b>Aligned ODEW Transportation Career Field Technical Standard Outcomes</b>  <b>Outcome 6.5 Surface Preparation</b>			

	<p><b>CRT 1.0</b> - Repair depressed area(s) on a steel panel with hammer and dolly techniques and body filler</p> <p><b>CRT 3.0</b> - Repair depressed areas using metal finishing techniques on a steel panel</p> <p><b>CRT 5.0</b> - Prepare steel panel for primer</p> <p><b>CRT 6.0</b> — Demonstrate the understanding and skills necessary for attachment methods needed for collision repair of steel and aluminum panels</p> <p><b>CRT 7.0</b> - Complete a two-sided repair on a plastic vehicle part. Mix and apply appropriate plastic repair material following product maker procedures</p> <p><b>CRT 23.0</b> - Demonstrate interview skills</p>	<p><b>Outcome 6.5</b> Surface Preparation</p> <p><b>Outcome 6.5</b> Surface Preparation</p> <p><b>Outcome 6.3</b> Joining and Cutting Metals</p> <p><b>Outcome 6.4</b> Plastics and Adhesives</p> <p>Above Outcomes can be found in the following ODEW courses:  177010 Collision Non-Structural  177023 Collision Painting and Refinishing</p>
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