



# Collision Repair Technology



<b>Date</b>	March 6, 2026	<b>Orientation Time</b>	9:00 a.m. (CLOSED to instructors)																								
<b>Location</b>	Delaware Area Career Center 4565 Columbus Pike Delaware 43015	<b>Contest Time</b>	Immediately following orientation (CLOSED 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 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. The competitors will participate in an interview.																										
<b>Testing</b>	Yes																										
<b>Eligibility</b>	2 contestants per building IRN (chapter)																										
<b>Clothing</b>	Clothing Competition Guide: CLASS D																										
<b>Provided by Contestant</b>	<p>Professional Resume – Typed Hardcopy Emergency Medical Form (Contestants must have this to compete) Verification of Tool Training and Safety (See form on SkillsOhio Web site)</p> <p><b>Air fitting male stem: Milton 777</b> <b>Air fitting female stem: Milton 778</b></p> <table><tbody><tr><td>Air hose, 25 feet</td><td>Grinder with disk</td></tr><tr><td>Side cuts</td><td>Metal finishing tools</td></tr><tr><td>Sanding blocks</td><td>Appropriate sandpaper and disks</td></tr><tr><td>Welding gloves</td><td>Air file</td></tr><tr><td>Blow gun</td><td>Pliers</td></tr><tr><td>Filler board</td><td>Assorted body hammers</td></tr><tr><td>Safety glasses</td><td>Dollies</td></tr><tr><td>Clipboard</td><td>Vise grips (at least two pair)</td></tr><tr><td>Two #2 pencils, sharpened</td><td>Body Filler Board</td></tr><tr><td>Welding helmet with at least a</td><td>Welding jacket</td></tr><tr><td>#10 lens Welding respirator</td><td>Dual action Sander (w/sandpaper)</td></tr><tr><td>Calculator</td><td>Face Shield</td></tr></tbody></table> <p><u>The following WILL NOT be tolerated and are grounds for disqualification from the competition:</u></p> <ul style="list-style-type: none"><li>• No smart watches, cellphones and/or other electronic devices in the contest area unless specifically stated in this document. These devices cannot be used as a calculator.</li><li>• No contact with anyone outside of the contest area once the contest begins.</li><li>• No inappropriate communication between contestants such as verbally degrading another contestant or informing another contestant of the skills/test prior to or during the competition.</li><li>• No cheating on any portion of the contest.</li><li>• The use of AI is strictly prohibited and will result in an automatic disqualification of the contestant.</li></ul>			Air hose, 25 feet	Grinder with disk	Side cuts	Metal finishing tools	Sanding blocks	Appropriate sandpaper and disks	Welding gloves	Air file	Blow gun	Pliers	Filler board	Assorted body hammers	Safety glasses	Dollies	Clipboard	Vise grips (at least two pair)	Two #2 pencils, sharpened	Body Filler Board	Welding helmet with at least a	Welding jacket	#10 lens Welding respirator	Dual action Sander (w/sandpaper)	Calculator	Face Shield
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Contest Standards	<b>Contest Skilled Performance Standards</b> <b>CRT 1.0</b> - Repair depressed area(s) on a steel panel with hammer and dolly techniques and body filler  <b>CRT 3.0</b> - Repair depressed areas using metal finishing techniques on a steel panel with hammer and dolly techniques and body filler  <b>CRT 5.0</b> - Prepare steel panel for primer  <b>CRT 6.0</b> — Demonstrate the understanding and skills necessary for attachment methods needed for collision repair of steel and aluminum panels  <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  <b>CRT 20.0</b> - Demonstrate interview skills	<b>Aligned ODE Transportation Career Field Technical Standard Outcomes</b> <b>Outcome 6.5</b> Surface Preparation  <b>Outcome 6.5</b> Surface Preparation  <b>Outcome 6.5</b> Surface Preparation  <b>Outcome 6.3</b> Joining and Cutting Metals  <b>Outcome 6.4</b> Plastics and Adhesives  Above Outcomes can be found in the following ODE courses: 177010 Collision Non-Structural 177023 Collision Painting and Refinishing
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